

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042849.D
 Acq On : 13 Aug 2025 12:56
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081325

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

Quant Time: Aug 14 02:16:09 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 14 2025

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.790	49	122486	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	374448	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	333493	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 252268 10.086 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	163446	9.105	ppbv	96
3) Chlorodifluoromethane	1.476	51	185078	9.327	ppbv	100
4) Chloromethane	1.535	50	63634	8.784	ppbv	100
5) Vinyl Chloride	1.583	62	58729	8.232	ppbv	96
6) Bromomethane	1.670	94	25105	8.801	ppbv	97
7) Chloroethane	1.706	64	23293	8.360	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	135845	9.248	ppbv	99
9) Propene	1.483	41	76457	8.922	ppbv	97
10) Heptane	4.988	43	206333	8.990	ppbv	99
11) Trichlorofluoromethane	1.881	101	154211	8.707	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	124558	8.824	ppbv	99
13) Ethanol	1.722	45	6016	7.678	ppbv	96
14) Bromoethene	1.784	108	46528	9.105	ppbv	98
15) Acetone	1.839	43	119723	7.389	ppbv	99
16) 1,3-Butadiene	1.612	39	60853	8.285	ppbv	99
17) tert-Butyl alcohol	2.043	59	166457	8.663	ppbv	99
18) 1,1-Dichloroethene	2.036	96	56397	9.087	ppbv	94
19) Isopropyl Alcohol	1.887	45	78832	8.146	ppbv	98
20) Methylene Chloride	2.065	84	47793	7.041	ppbv	90
21) Allyl Chloride	2.098	41	102514	8.956	ppbv	97
22) trans-1,2-Dichloroethene	2.344	96	63932	8.904	ppbv	95
23) Vinyl Acetate	2.467	43	198083	8.891	ppbv #	97
24) 1,1-Dichloroethane	2.412	63	127660	8.903	ppbv	99
25) Ethyl Acetate	2.839	43	362325	9.240	ppbv	99
26) Hexane	2.829	57	167364	9.246	ppbv	97
27) Carbon Disulfide	2.153	76	155729	8.841	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	82126	8.898	ppbv	92
29) Chloroform	2.855	83	242320	9.377	ppbv	99
30) Cyclohexane	3.865	84	147417	9.289	ppbv	99
31) cis-1,2-Dichloroethene	2.726	61	166268	9.196	ppbv	99
32) 1,1,1-Trichloroethane	3.373	97	252813	9.256	ppbv	99
34) 2-Butanone	2.561	43	230961	9.135	ppbv	100
35) Carbon Tetrachloride	3.771	117	244671	9.478	ppbv	95
36) Benzene	3.664	78	343952	9.592	ppbv	98
37) 1,2-Dichloroethane	3.224	62	187160	9.991	ppbv	100
38) Trichloroethene	4.558	130	150693	9.202	ppbv	96
39) 1,2-Dichloropropane	4.324	63	123566	9.436	ppbv	97
40) 1,4-Dioxane	4.590	88	55292	8.879	ppbv #	93
41) Tetrahydrofuran	3.059	42	132108	9.372	ppbv	99
42) Bromodichloromethane	4.499	83	270154	9.678	ppbv	99
43) Methyl Methacrylate	4.888	69	136329	9.229	ppbv	99
44) 2,2,4-Trimethylpentane	4.648	57	565415	9.290	ppbv	100
45) t-1,3-Dichloropropene	6.428	75	160784	9.645	ppbv	100

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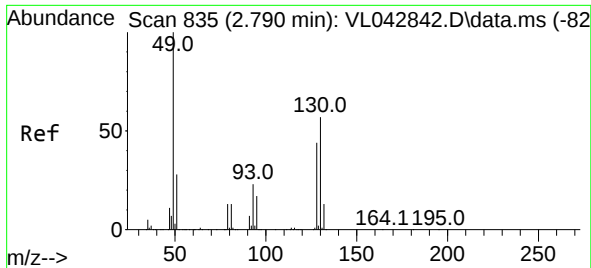
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 14 2025

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

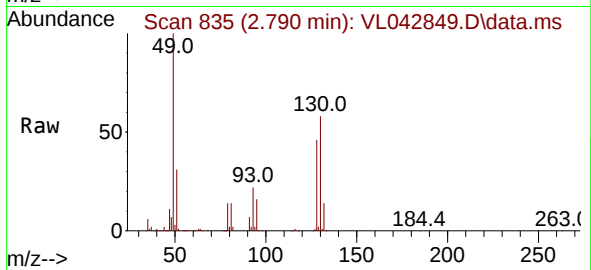
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	199988m	9.628	ppbv	
47) 1,1,2-Trichloroethane	6.597	97	132548	9.553	ppbv	99
48) Dibromochloromethane	7.399	129	217970	9.708	ppbv	100
49) Bromoform	9.493	173	174914	9.446	ppbv	99
50) 4-Methyl-2-Pentanone	5.765	43	322264	9.430	ppbv	100
51) 2-Hexanone	7.445	43	263321	9.791	ppbv #	98
52) Tetrachloroethene	8.234	164	110828	8.544	ppbv	89
53) Toluene	6.946	91	398138	9.340	ppbv	100
54) 1,2-Dibromoethane	7.665	107	193340	9.535	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.937	131	160225	9.291	ppbv	99
57) Chlorobenzene	8.933	112	297375	9.378	ppbv	97
58) Ethyl Benzene	9.364	91	554015	9.414	ppbv	100
59) m/p-Xylene	9.561	91	865106m	18.754	ppbv	
60) o-Xylene	9.972	91	428721	9.239	ppbv	99
61) Styrene	9.879	104	203858	9.377	ppbv	100
62) Isopropylbenzene	10.549	105	624287	9.206	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.972	83	225237	8.826	ppbv	100
64) n-propylbenzene	10.998	120	158234	9.145	ppbv	97
65) tert-Butylbenzene	11.539	119	534795	8.946	ppbv	98
66) Benzyl Chloride	11.623	91	68533	9.031	ppbv	99
67) sec-Butylbenzene	11.775	105	762602	9.088	ppbv	100
69) p-Isopropyltoluene	11.934	119	634670	8.810	ppbv	98
70) n-Butylbenzene	12.287	91	647453	9.062	ppbv	99
71) 2-Chlorotoluene	10.908	91	485171	9.214	ppbv	98
72) 4-Ethyltoluene	11.131	105	525262	9.338	ppbv	100
73) 1,3,5-Trimethylbenzene	11.212	105	435705	9.108	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	469573	8.943	ppbv	94
75) 1,3-Dichlorobenzene	11.613	146	274876	9.209	ppbv	100
76) 1,4-Dichlorobenzene	11.678	146	270976	8.976	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	255347	8.736	ppbv	98
78) Hexachloro-1,3-Butadiene	13.886	225	186318	7.778	ppbv	97
79) Naphthalene	13.520	128	441940	9.284	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	145644	8.188	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	215715	9.016	ppbv	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

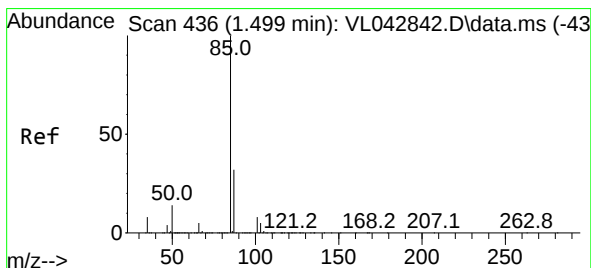
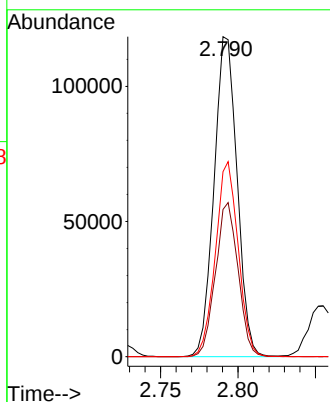
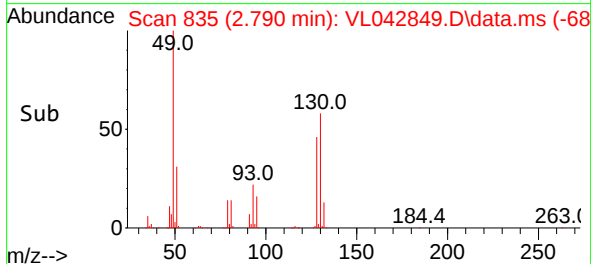
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



Tgt Ion: 49 Resp: 122486
Ion Ratio Lower Upper
49 100
128 47.2 23.7 71.1
130 60.0 30.6 91.6

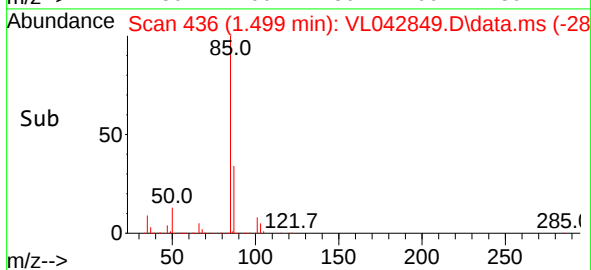
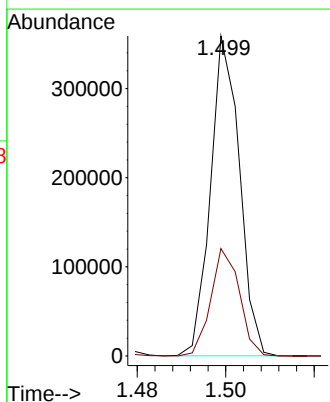
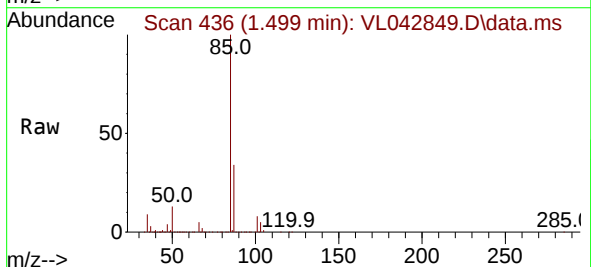
Manual Integrations
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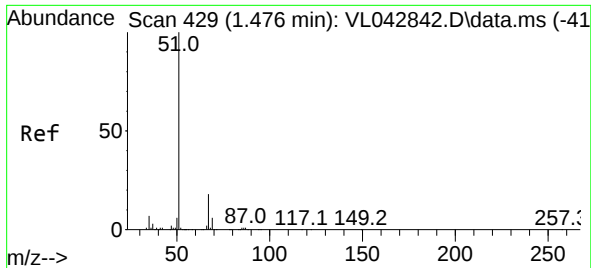
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#2
Dichlorodifluoromethane
Concen: 9.105 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

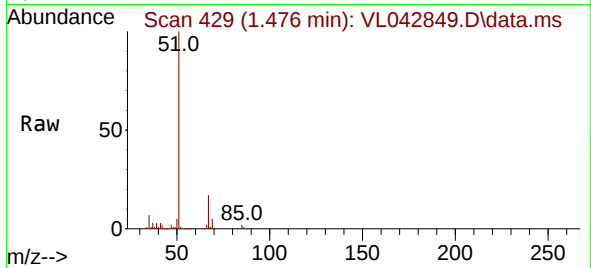
Tgt Ion: 85 Resp: 163446
Ion Ratio Lower Upper
85 100
87 33.6 25.3 37.9





#3
Chlorodifluoromethane
Concen: 9.327 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

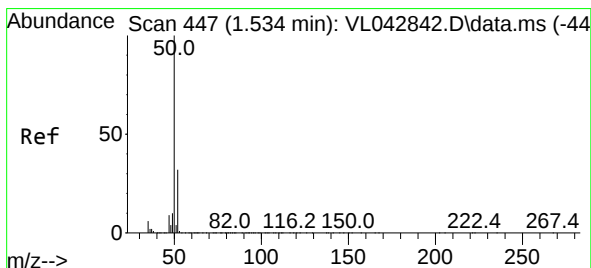
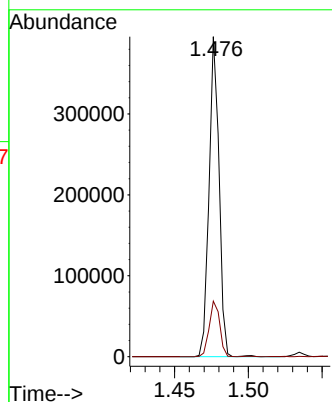
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



Tgt Ion: 51 Resp: 185078
Ion Ratio Lower Upper
51 100
67 18.6 14.9 22.3

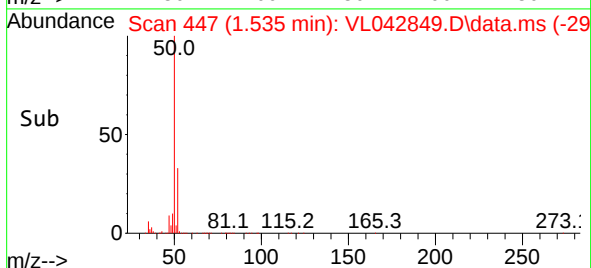
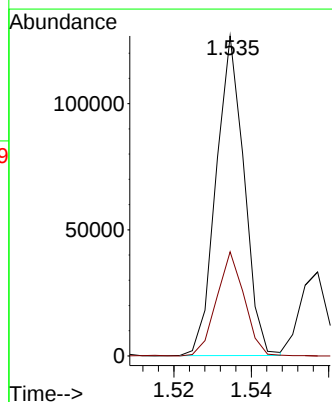
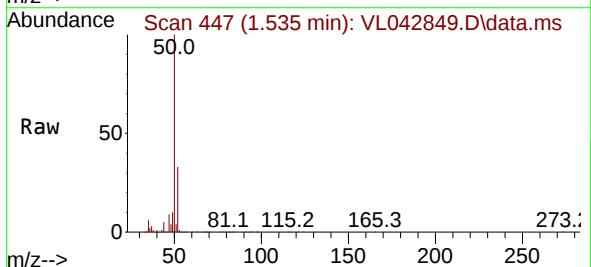
Manual Integrations
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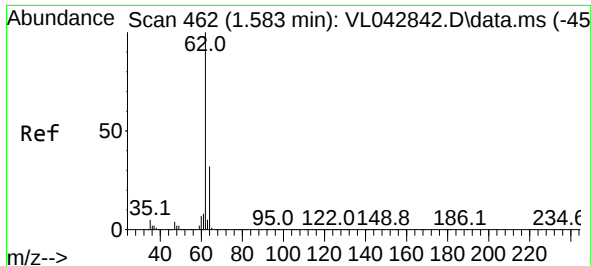
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#4
Chloromethane
Concen: 8.784 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

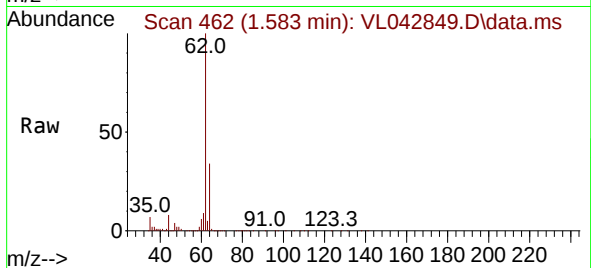
Tgt Ion: 50 Resp: 63634
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9





#5
 Vinyl Chloride
 Concen: 8.232 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

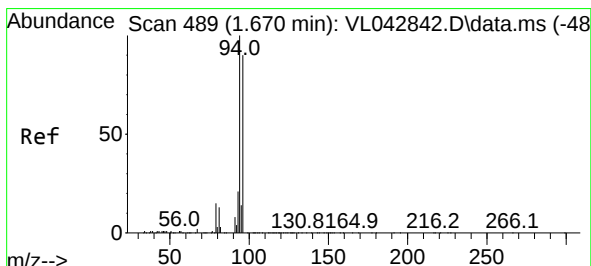
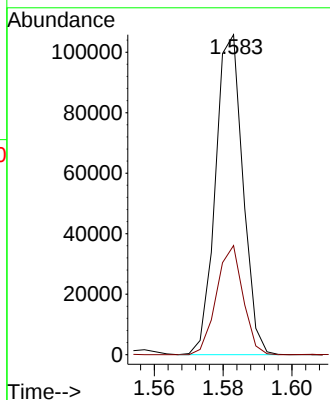
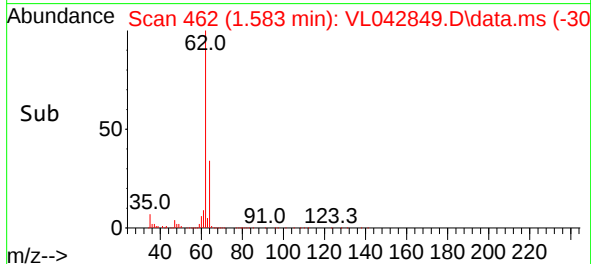
Instrument :
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 ClientSampleId :
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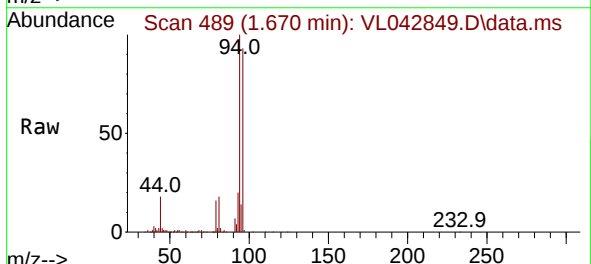
Tgt Ion: 62 Resp: 58729
 Ion Ratio Lower Upper
 62 100
 64 34.1 25.4 38.2

Manual Integrations
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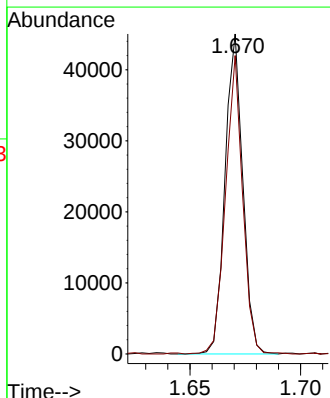
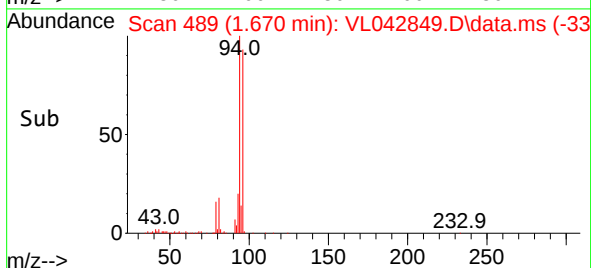
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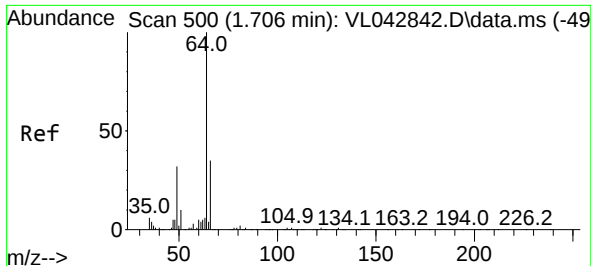


#6
 Bromomethane
 Concen: 8.801 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56



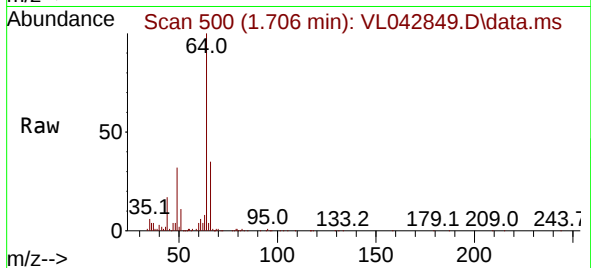
Tgt Ion: 94 Resp: 25105
 Ion Ratio Lower Upper
 94 100
 96 92.9 72.1 108.1





#7
Chloroethane
Concen: 8.360 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

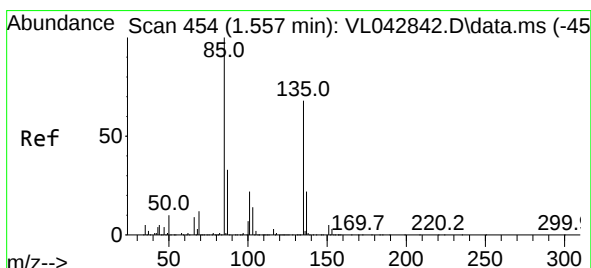
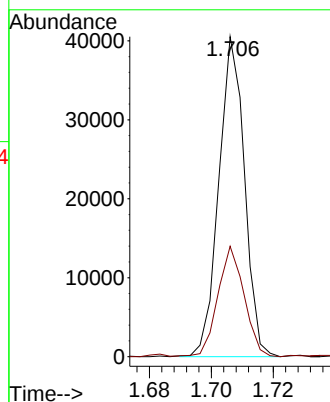
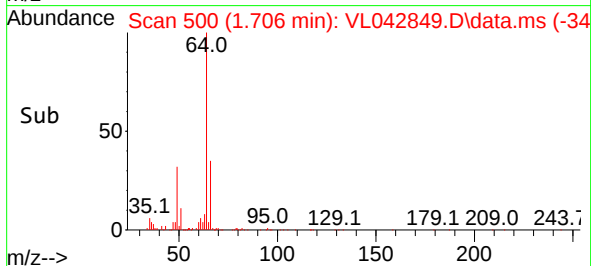
Instrument :
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ClientSampleId :
ICVVL081325



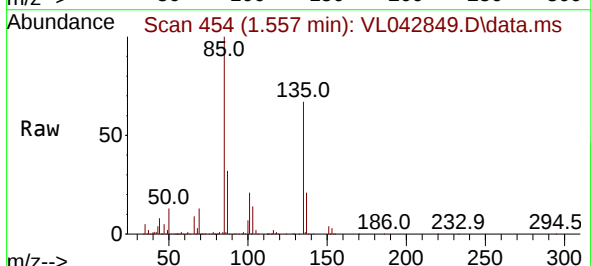
Tgt Ion: 64 Resp: 2329
Ion Ratio Lower Upper
64 100
66 34.5 28.6 42.8

Manual Integrations
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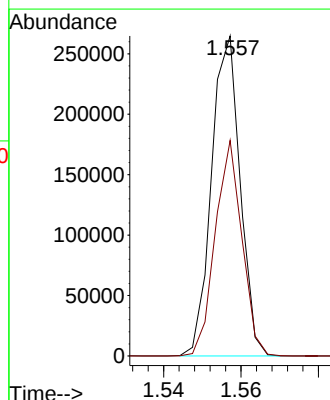
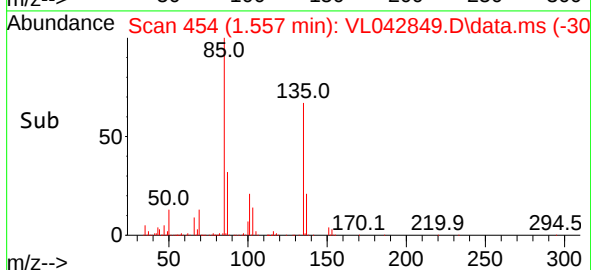
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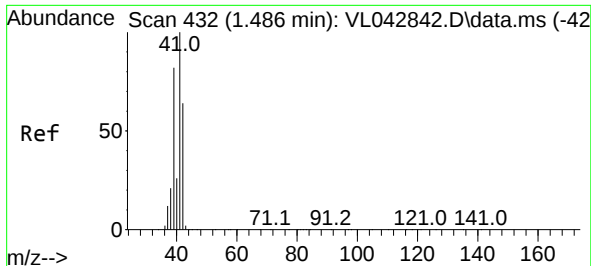


#8
Dichlorotetrafluoroethane
Concen: 9.248 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56



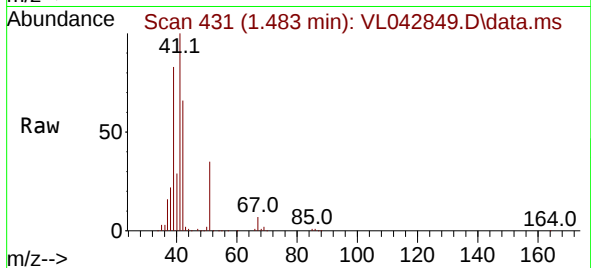
Tgt Ion: 85 Resp: 135845
Ion Ratio Lower Upper
85 100
135 62.9 51.2 76.8





#9
 Propene
 Concen: 8.922 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

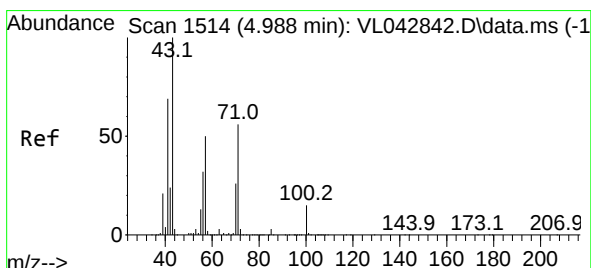
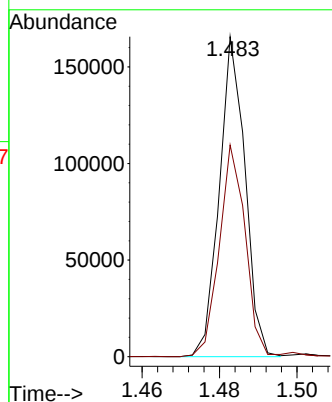
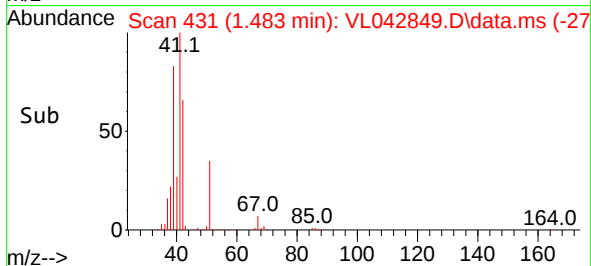
Instrument :
 MSVOA_L
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 ICVVL081325



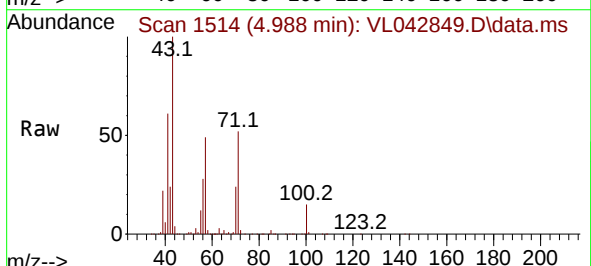
Tgt Ion: 41 Resp: 7645
 Ion Ratio Lower Upper
 41 100
 42 68.4 53.0 79.4

Manual Integrations
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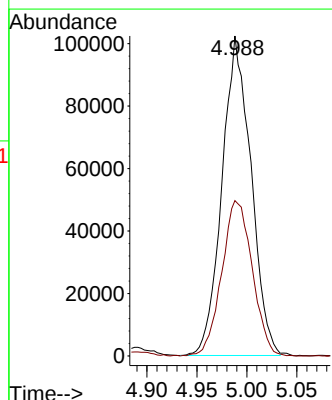
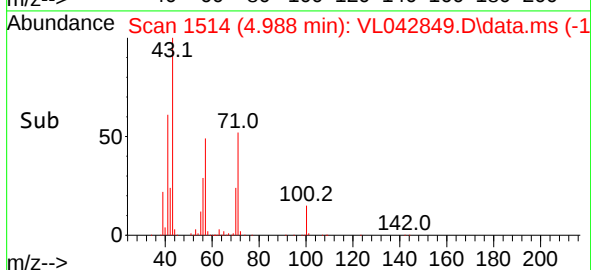
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 Supervised By :Mahesh Dadoda 08/18/2025

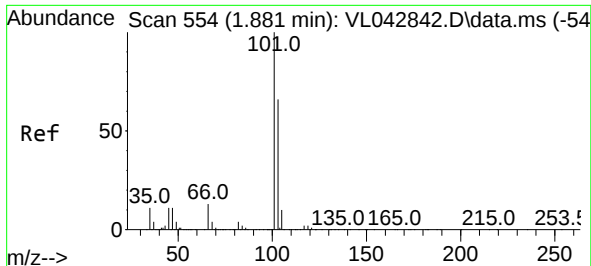


#10
 Heptane
 Concen: 8.990 ppbv
 RT: 4.988 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56



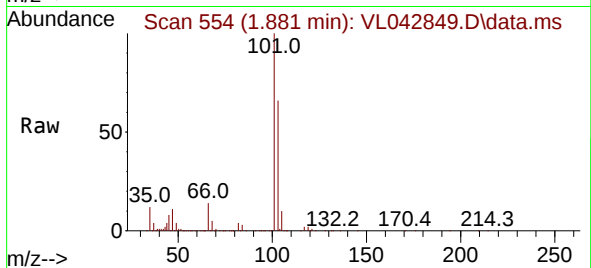
Tgt Ion: 43 Resp: 206333
 Ion Ratio Lower Upper
 43 100
 57 51.2 41.4 62.0





#11
 Trichlorofluoromethane
 Concen: 8.707 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

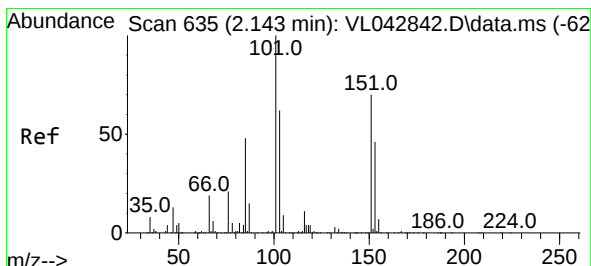
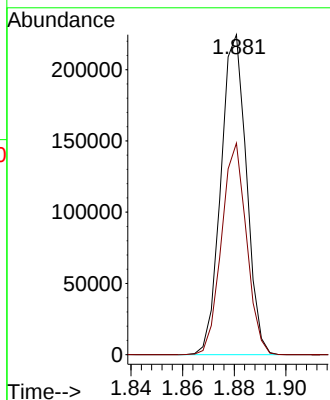
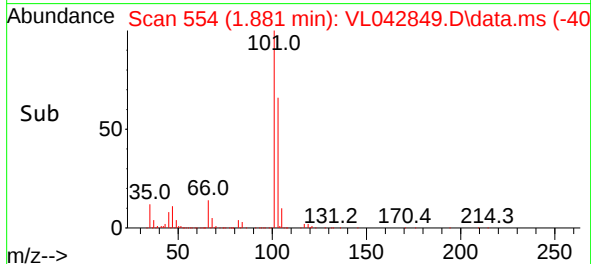
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081325



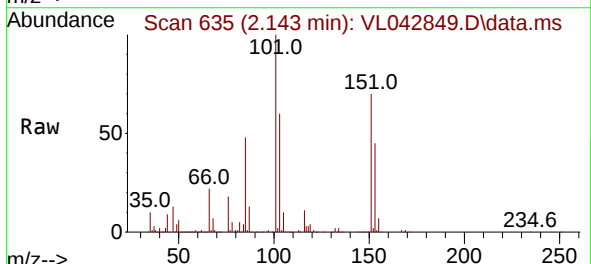
Tgt Ion:101 Resp: 15421
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.5 78.7

Manual Integrations
 APPROVED

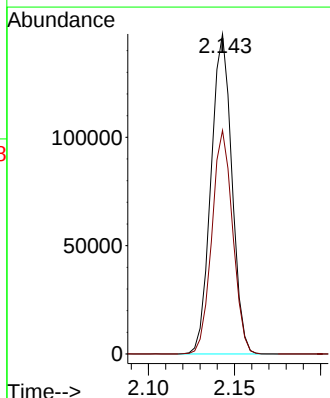
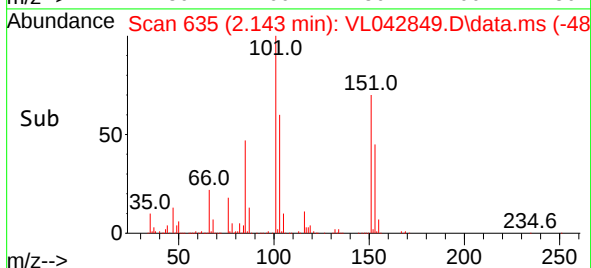
Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

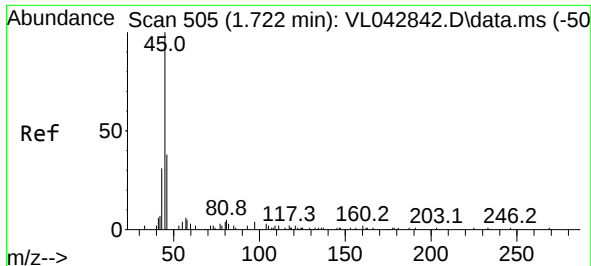


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.824 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56



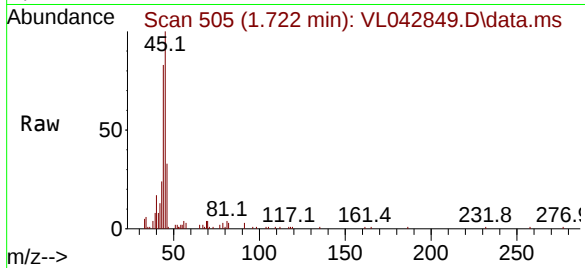
Tgt Ion:101 Resp: 124558
 Ion Ratio Lower Upper
 101 100
 151 69.7 56.4 84.6





#13
Ethanol
Concen: 7.678 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

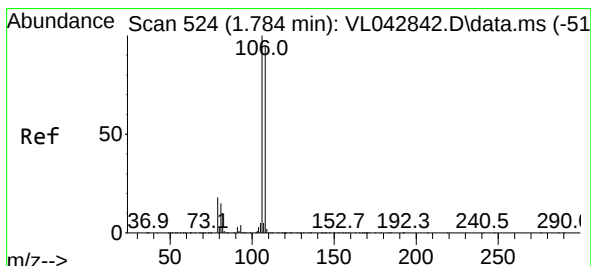
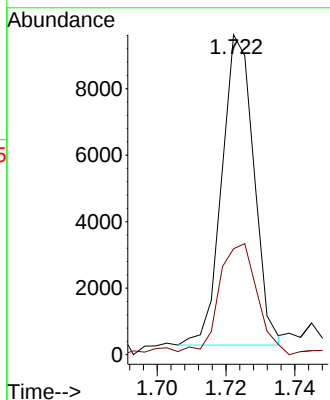
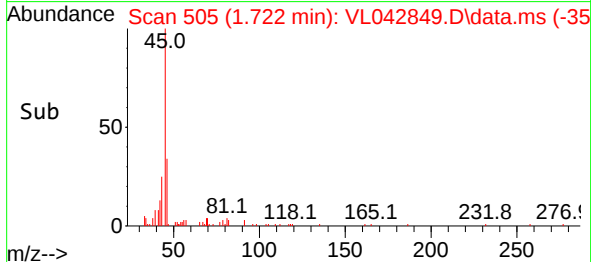
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



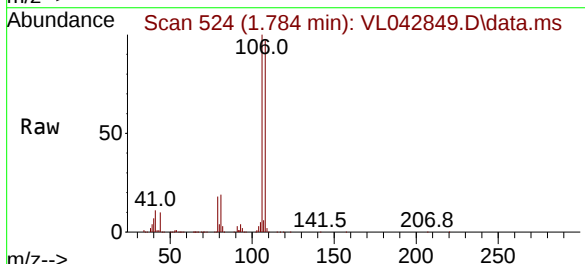
Tgt Ion: 45 Resp: 6010
Ion Ratio Lower Upper
45 100
46 46.2 17.5 69.9

Manual Integrations
APPROVED

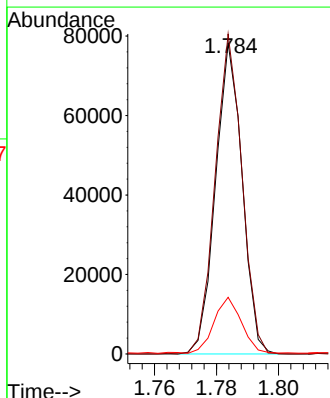
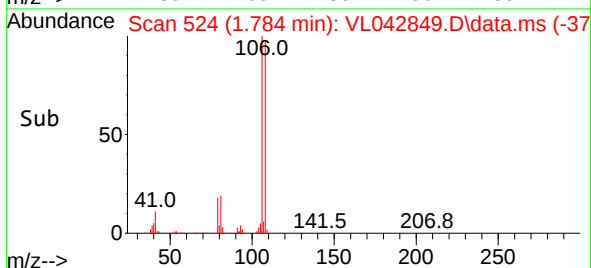
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

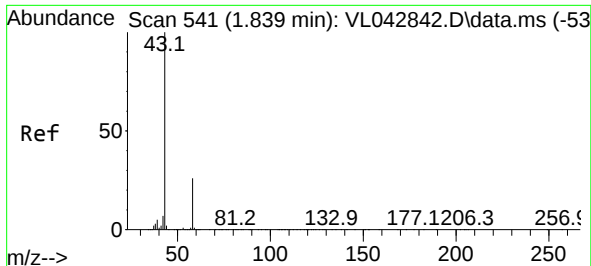


#14
Bromoethene
Concen: 9.105 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56



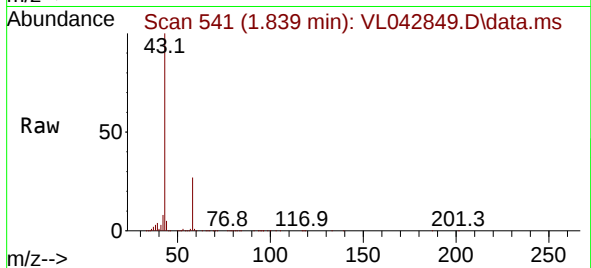
Tgt Ion:108 Resp: 46528
Ion Ratio Lower Upper
108 100
106 104.1 85.1 127.7
79 19.8 16.3 24.5





#15
Acetone
Concen: 7.389 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

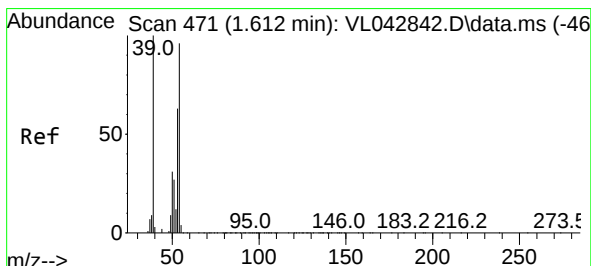
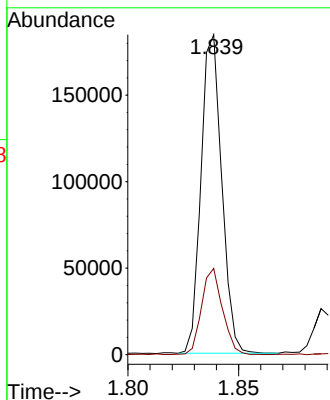
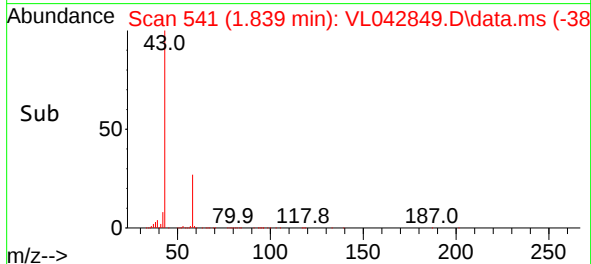
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



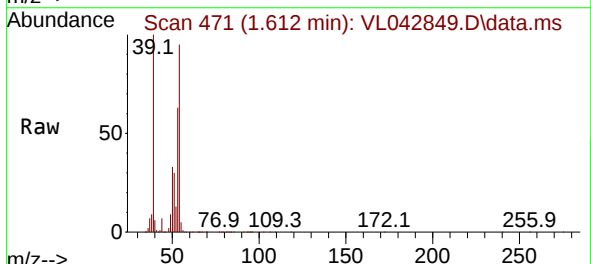
Tgt Ion: 43 Resp: 119723
Ion Ratio Lower Upper
43 100
58 27.6 22.4 33.6

Manual Integrations
APPROVED

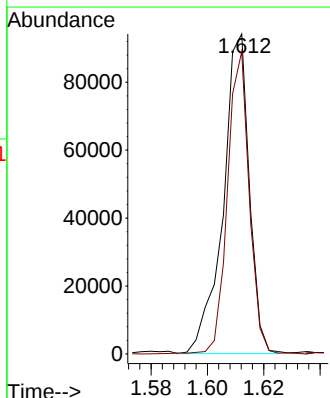
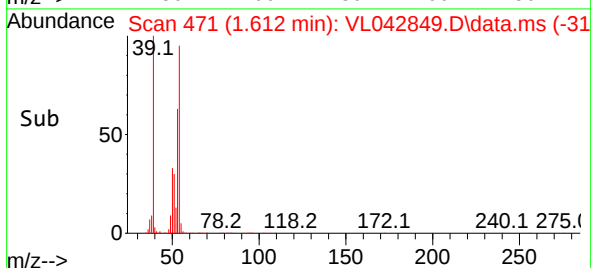
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

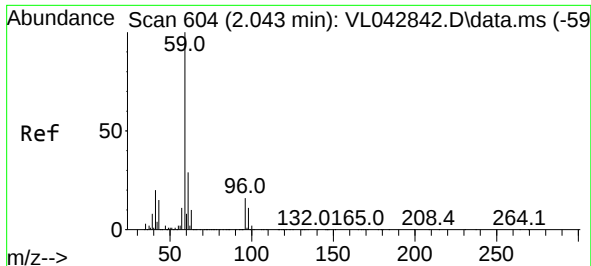


#16
1,3-Butadiene
Concen: 8.285 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56



Tgt Ion: 39 Resp: 60853
Ion Ratio Lower Upper
39 100
54 78.9 63.6 95.4





#17

tert-Butyl alcohol

Concen: 8.663 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081325

Tgt Ion: 59 Resp: 16645

Ion Ratio Lower Upper

59 100

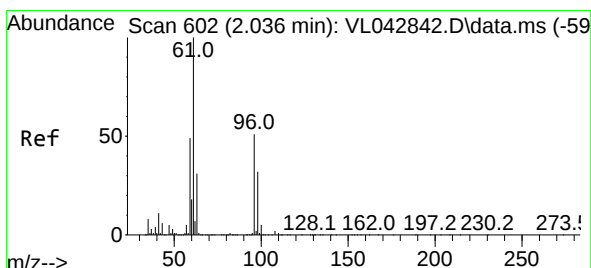
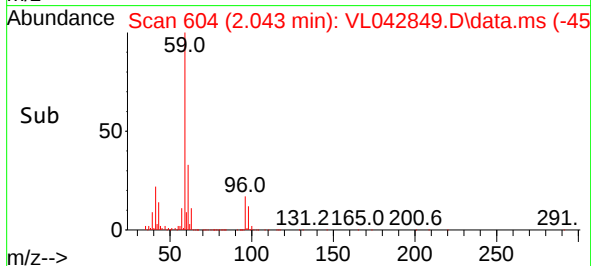
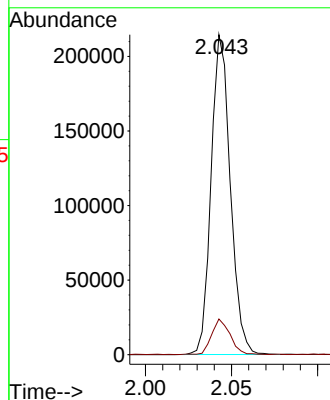
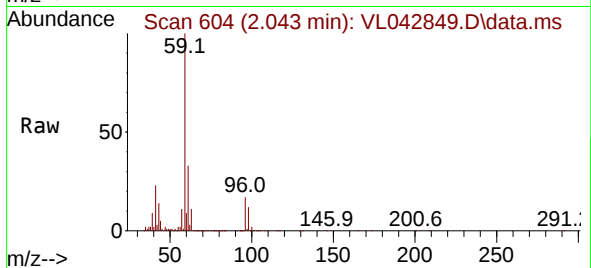
57 10.7 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#18

1,1-Dichloroethene

Concen: 9.087 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

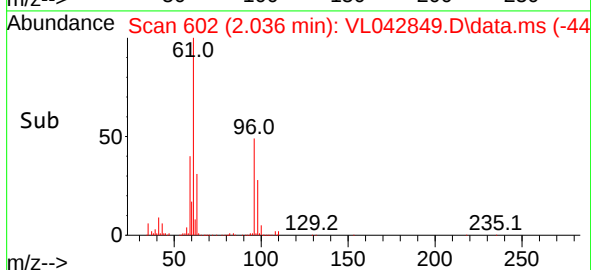
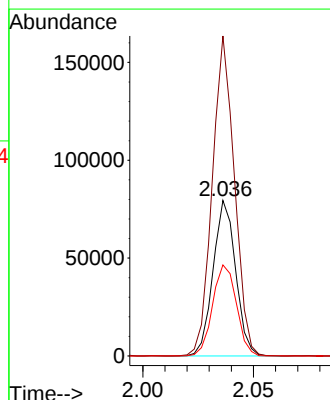
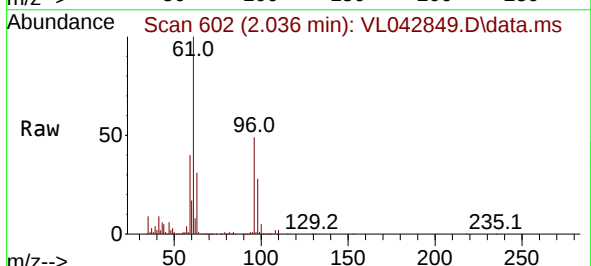
Tgt Ion: 96 Resp: 56397

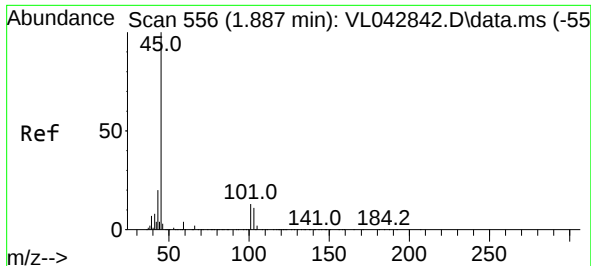
Ion Ratio Lower Upper

96 100

61 205.8 158.2 237.4

98 58.5 50.6 76.0





#19

Isopropyl Alcohol

Concen: 8.146 ppbv

RT: 1.887 min Scan# 511

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

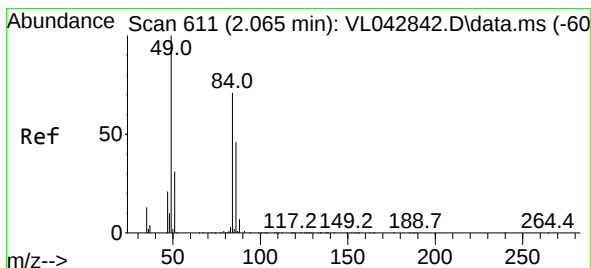
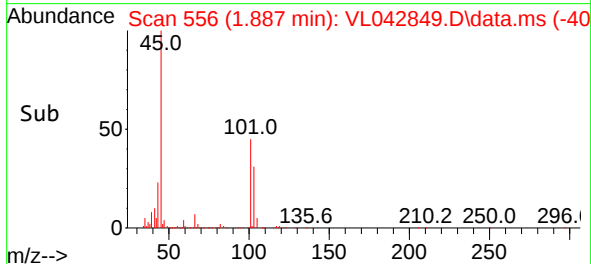
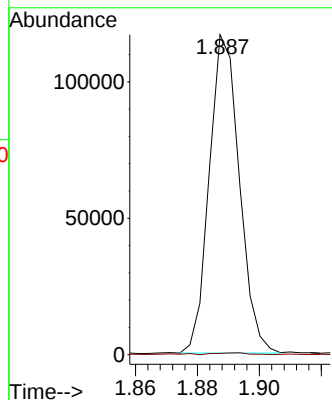
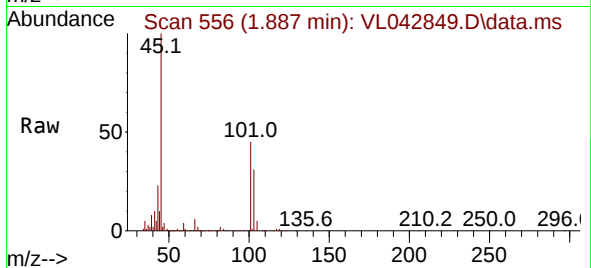
ICVVL081325

Tgt Ion: 45 Resp: 78832
 Ion Ratio Lower Upper
 45 100
 58 42.0 32.7 49.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#20

Methylene Chloride

Concen: 7.041 ppbv

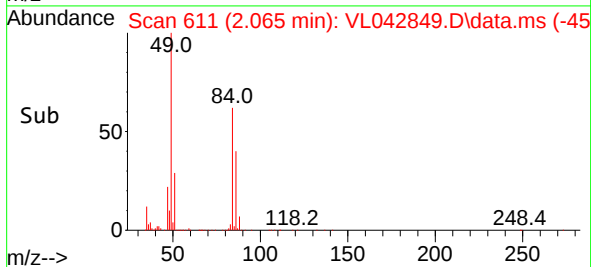
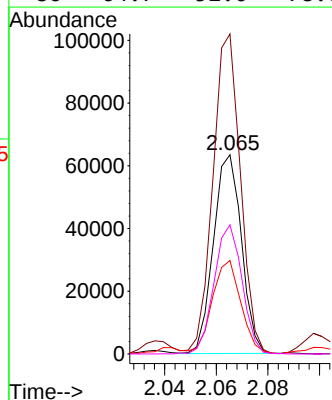
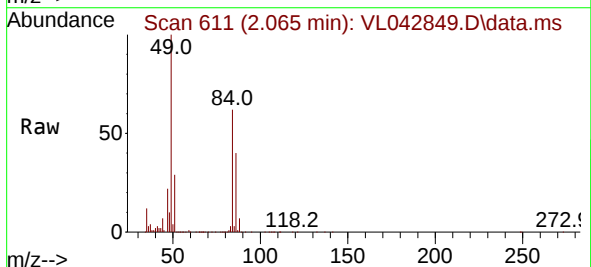
RT: 2.065 min Scan# 611

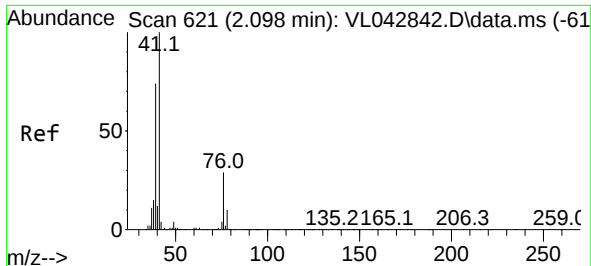
Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

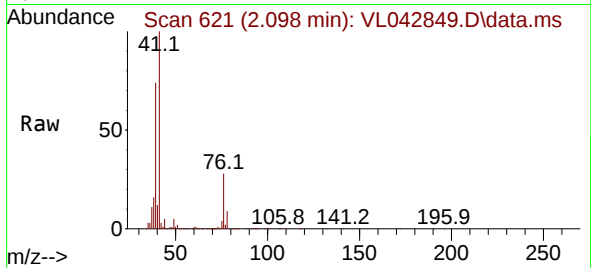
Tgt Ion: 84 Resp: 47793
 Ion Ratio Lower Upper
 84 100
 49 160.7 112.3 168.5
 51 46.9 36.0 54.0
 86 64.7 52.0 78.0





#21
 Allyl Chloride
 Concen: 8.956 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

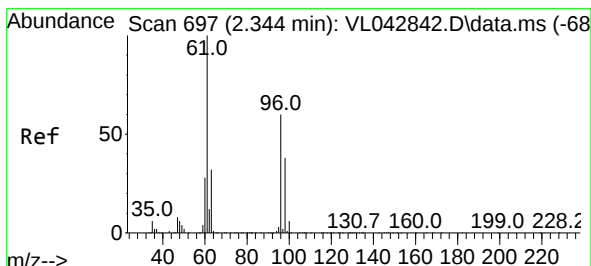
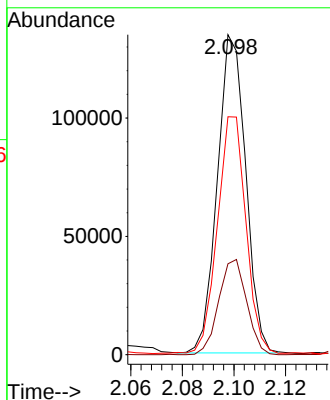
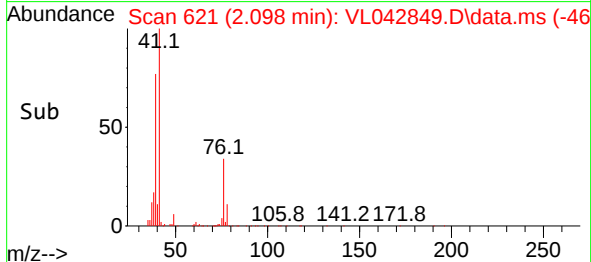
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081325



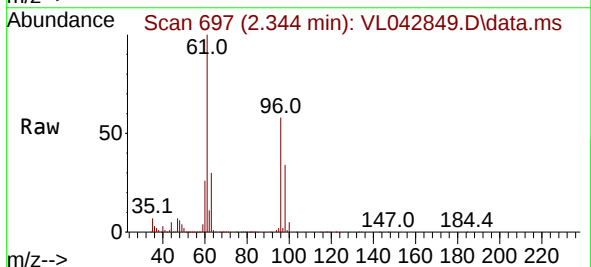
Tgt Ion: 41 Resp: 102514
 Ion Ratio Lower Upper
 41 100
 76 29.5 23.9 35.9
 39 76.1 57.8 86.6

Manual Integrations
 APPROVED

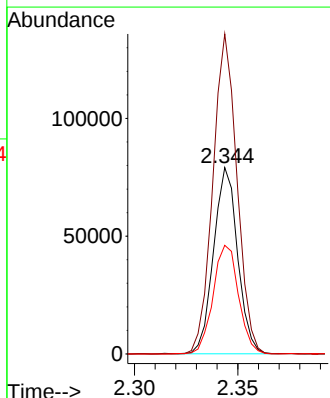
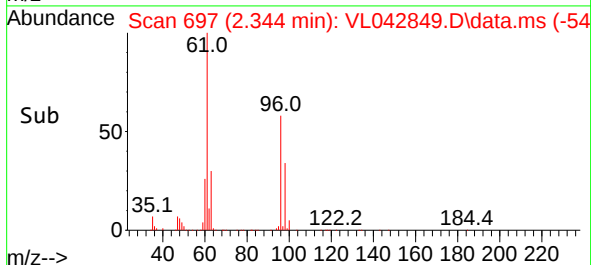
Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

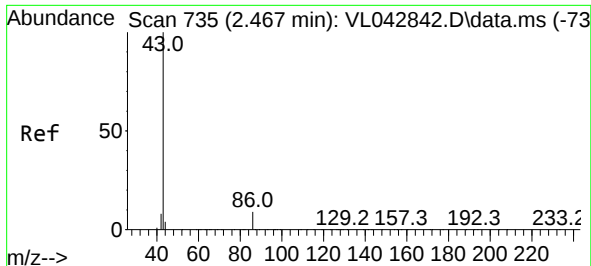


#22
 trans-1,2-Dichloroethene
 Concen: 8.904 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56



Tgt Ion: 96 Resp: 63932
 Ion Ratio Lower Upper
 96 100
 61 171.8 132.6 199.0
 98 58.3 50.0 75.0





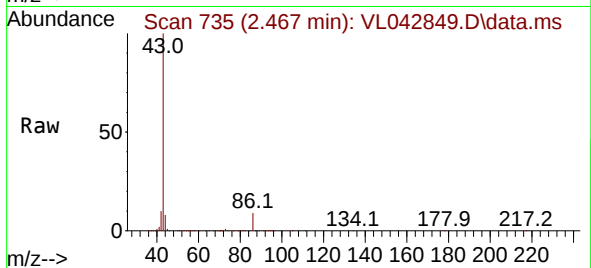
#23
 Vinyl Acetate
 Concen: 8.891 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

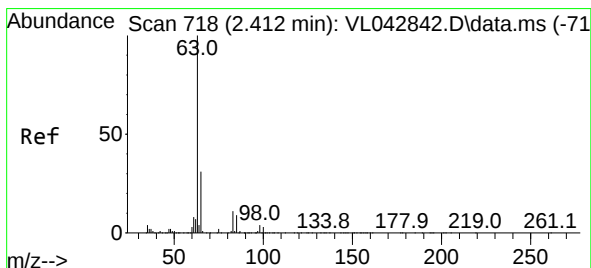
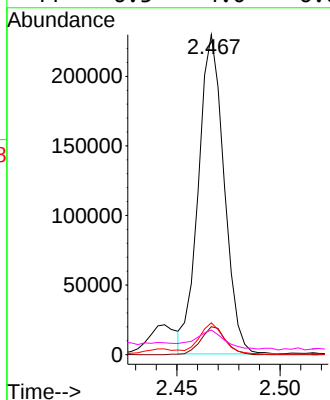
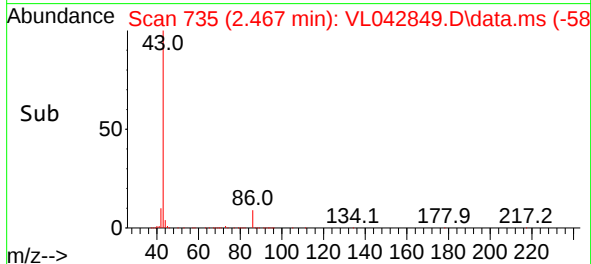
ICVVL081325



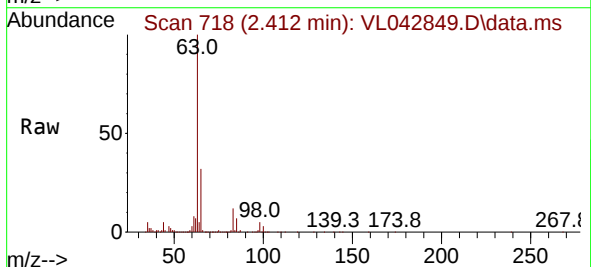
Tgt Ion: 43 Resp: 19808
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.6 9.8
 42 9.8 7.0 10.6
 44 6.3 4.0 6.0#

Manual Integrations
 APPROVED

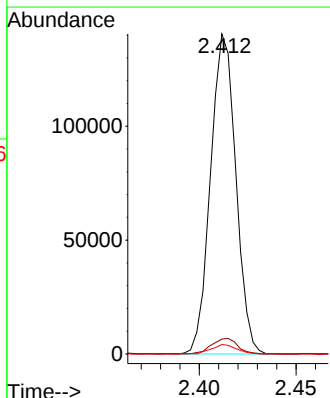
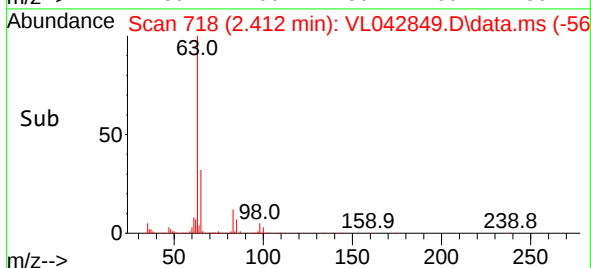
Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

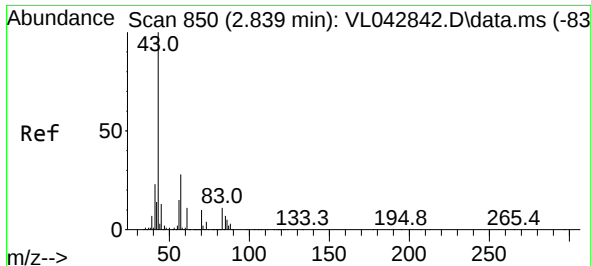


#24
 1,1-Dichloroethane
 Concen: 8.903 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56



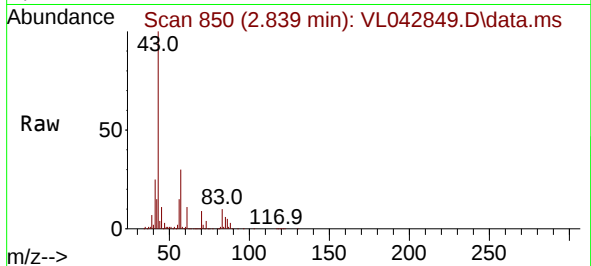
Tgt Ion: 63 Resp: 127660
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.1 6.5
 100 3.0 1.7 5.1





#25
Ethyl Acetate
Concen: 9.240 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

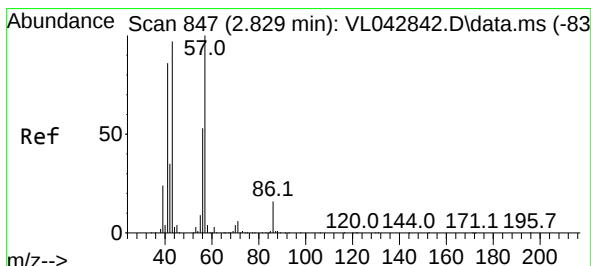
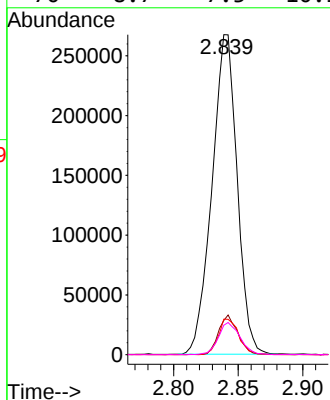
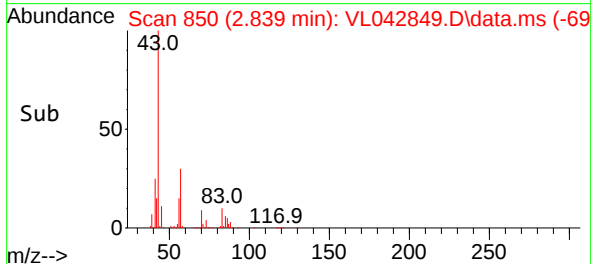
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



Tgt Ion	Ratio	Lower	Upper
43	100		
45	9.5	8.1	12.1
61	9.1	7.4	11.2
70	8.7	7.3	10.9

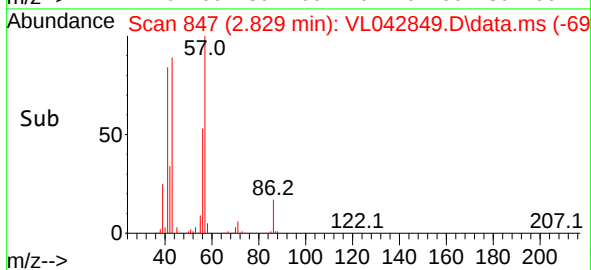
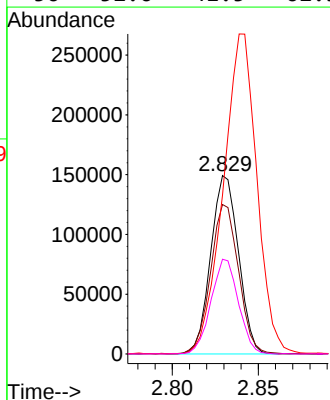
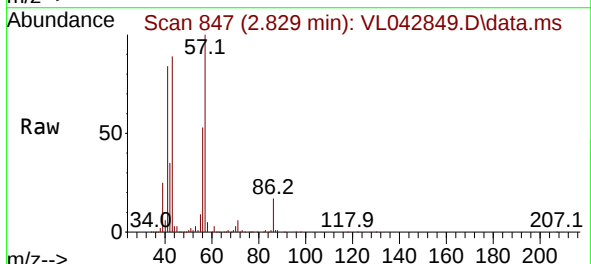
Manual Integrations
APPROVED

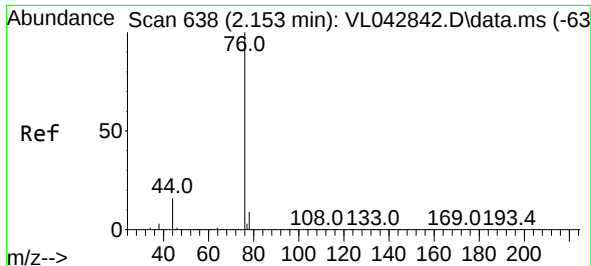
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#26
Hexane
Concen: 9.246 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion	Ratio	Lower	Upper
57	100		
41	85.0	68.6	103.0
43	218.2	168.5	252.7
56	52.6	41.5	62.3





#27

Carbon Disulfide

Concen: 8.841 ppbv

RT: 2.153 min Scan# 638

Delta R.T. 0.000 min

Lab File: VL042849.D

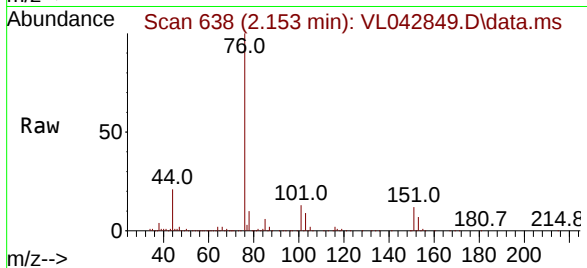
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Instrument :

MSVOA_L

ClientSampleId :

ICVVL081325

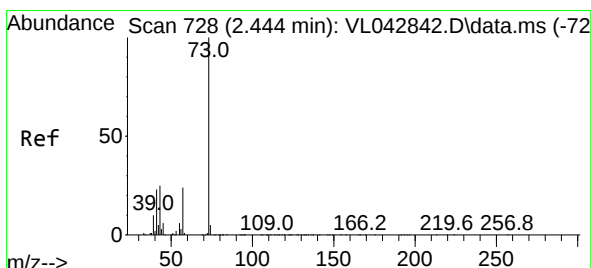
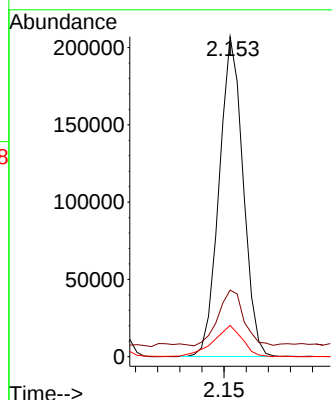
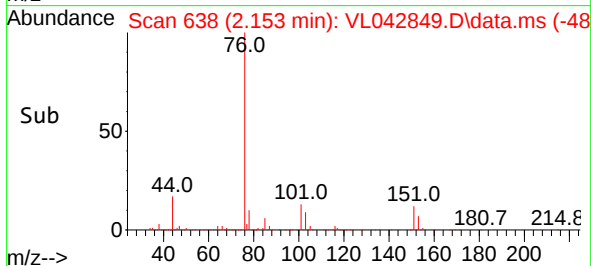


Tgt Ion: 76	Resp: 155729
Ion Ratio	Lower Upper
76	100
44	19.2 15.9 23.9
78	11.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#28

Methyl tert-Butyl Ether

Concen: 8.898 ppbv

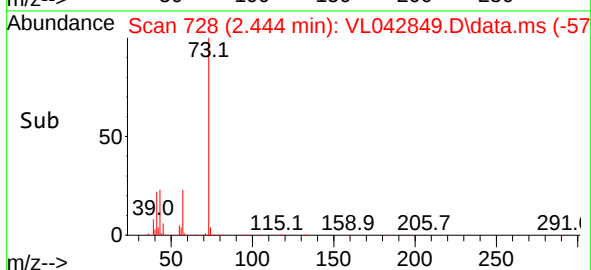
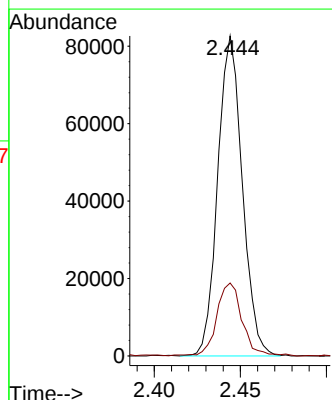
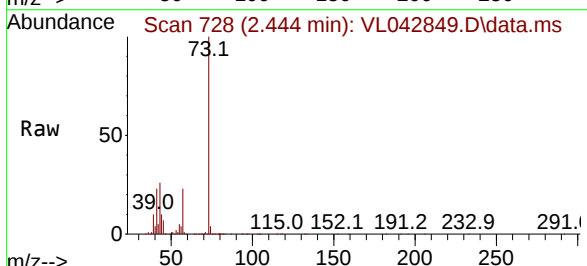
RT: 2.444 min Scan# 728

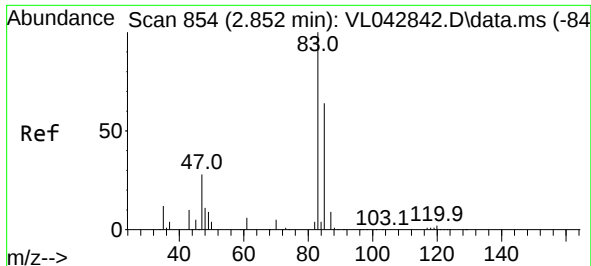
Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Tgt Ion: 73	Resp: 82126
Ion Ratio	Lower Upper
73	100
57	22.9 21.6 32.4





#29

Chloroform

Concen: 9.377 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081325

Tgt Ion: 83 Resp: 242320

Ion Ratio Lower Upper

83 100

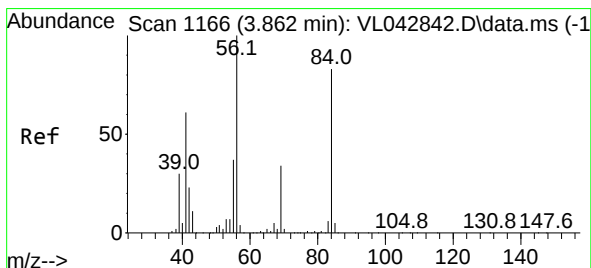
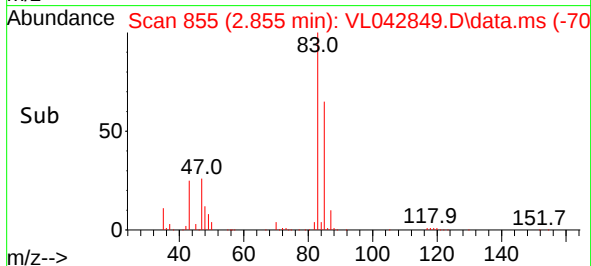
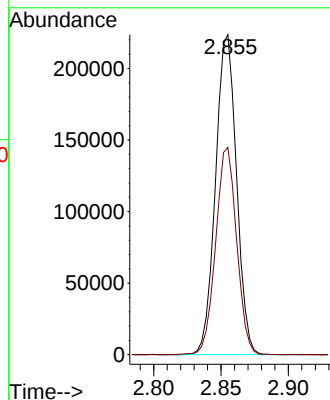
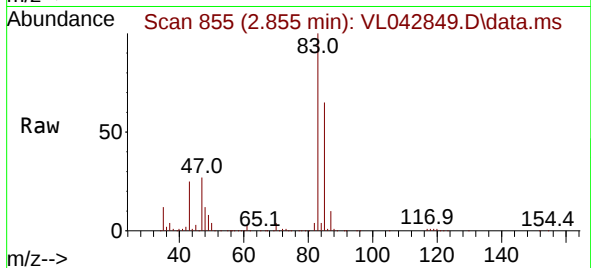
85 64.8 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#30

Cyclohexane

Concen: 9.289 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

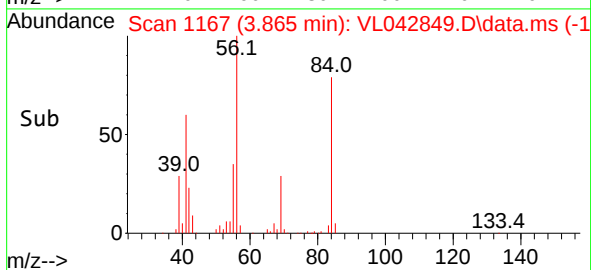
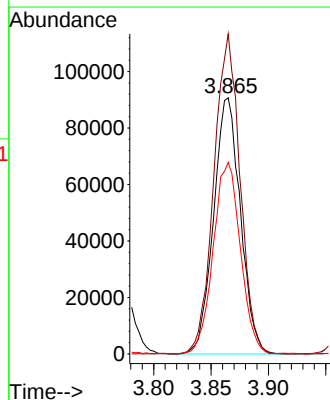
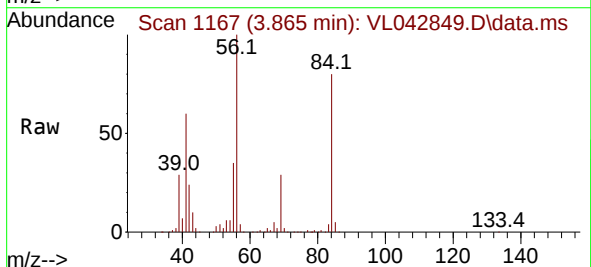
Tgt Ion: 84 Resp: 147417

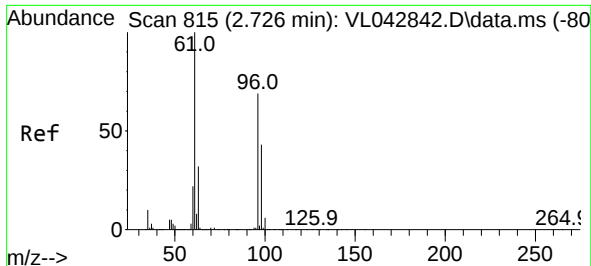
Ion Ratio Lower Upper

84 100

56 122.1 98.8 148.2

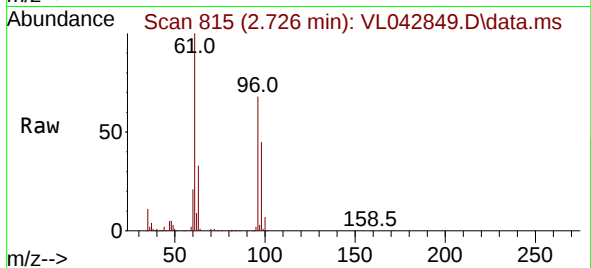
41 75.8 61.3 91.9





#31
 cis-1,2-Dichloroethene
 Concen: 9.196 ppbv
 RT: 2.726 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

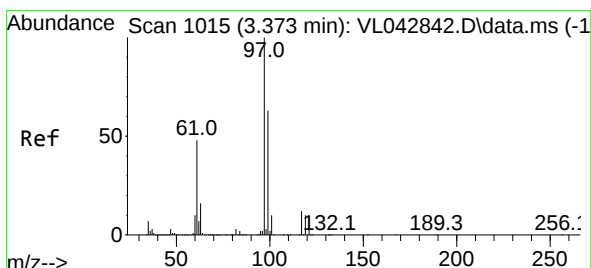
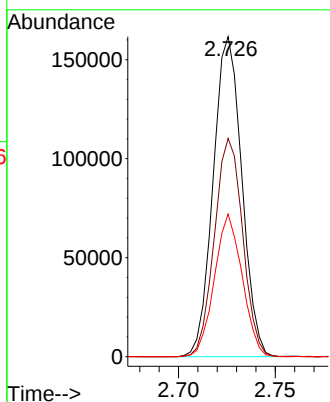
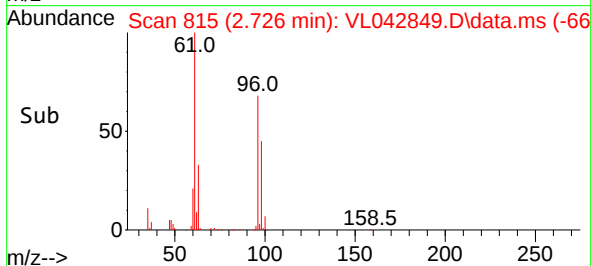
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081325



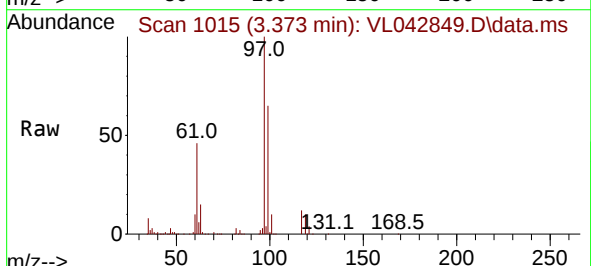
Tgt Ion: 61 Resp: 166268
 Ion Ratio Lower Upper
 61 100
 96 68.2 55.0 82.6
 98 44.5 34.3 51.5

Manual Integrations
 APPROVED

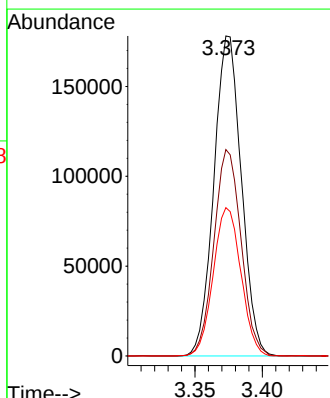
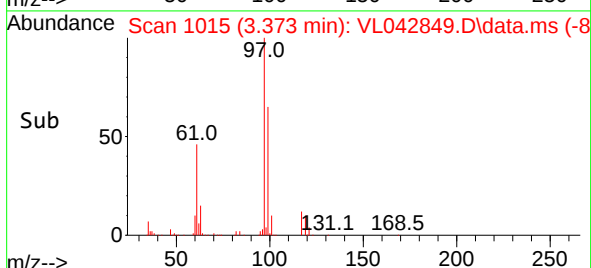
Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

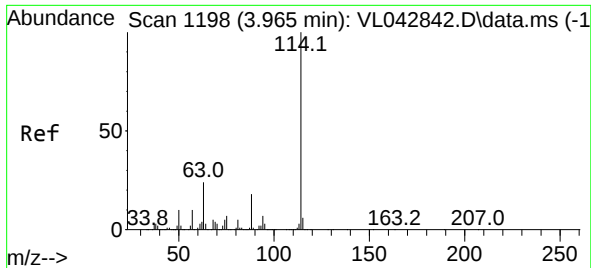


#32
 1,1,1-Trichloroethane
 Concen: 9.256 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56



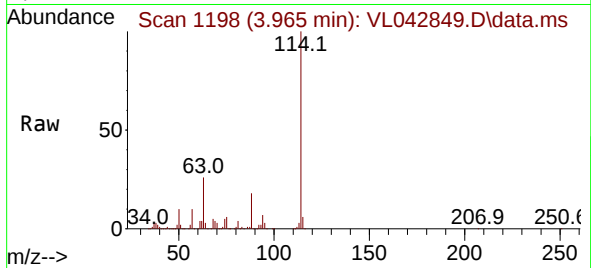
Tgt Ion: 97 Resp: 252813
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.0 76.6
 61 46.7 38.0 57.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

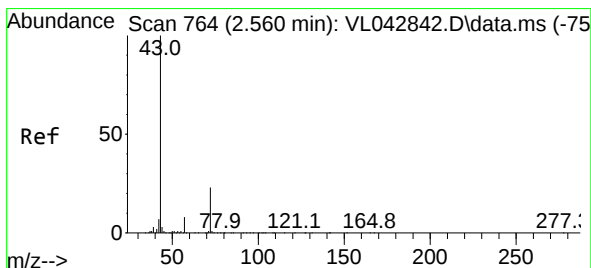
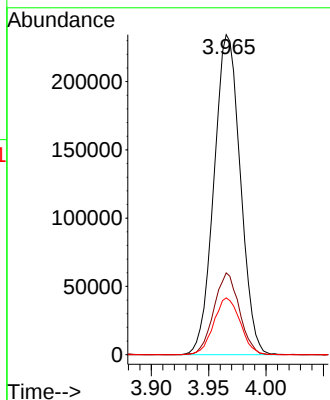
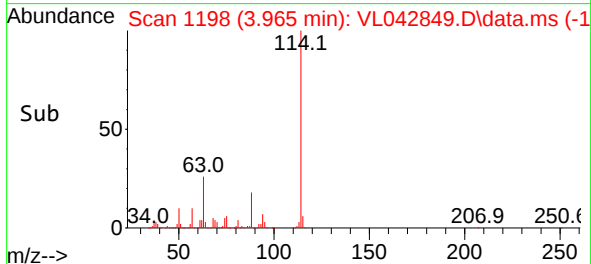
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



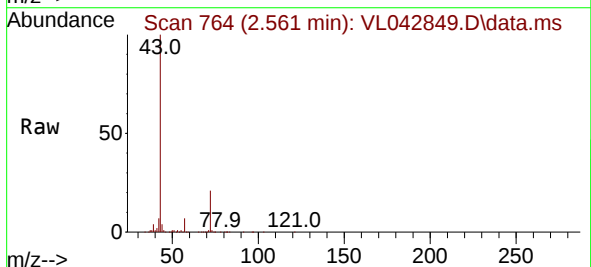
Tgt Ion:114 Resp: 374448
Ion Ratio Lower Upper
114 100
63 24.6 19.7 29.5
88 17.9 14.4 21.6

Manual Integrations
APPROVED

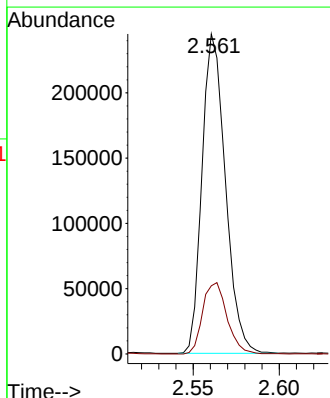
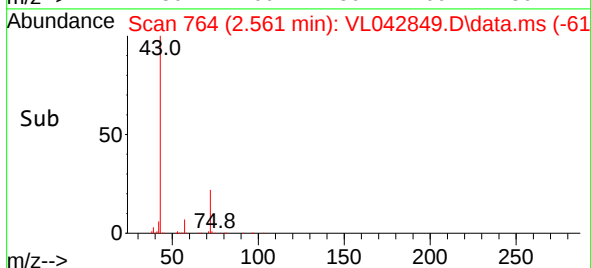
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

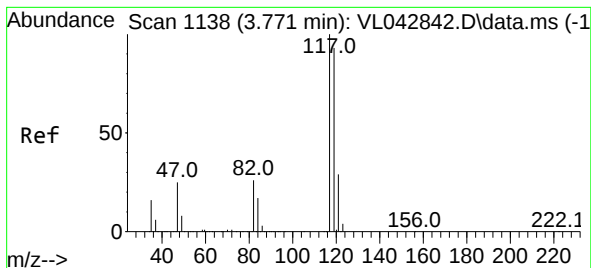


#34
2-Butanone
Concen: 9.135 ppbv
RT: 2.561 min Scan# 764
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56



Tgt Ion: 43 Resp: 230961
Ion Ratio Lower Upper
43 100
72 23.4 18.6 28.0





#35

Carbon Tetrachloride

Concen: 9.478 ppbv

RT: 3.771 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081325

Tgt Ion:117 Resp: 24467

Ion Ratio Lower Upper

117 100

119 98.1 74.7 112.1

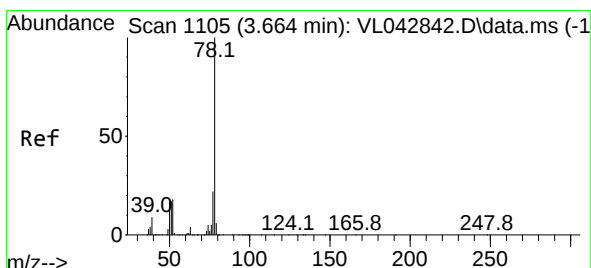
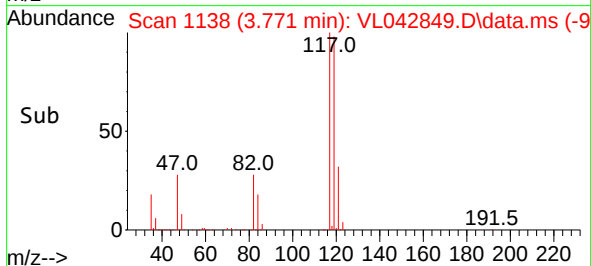
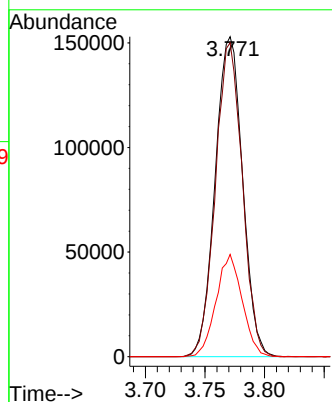
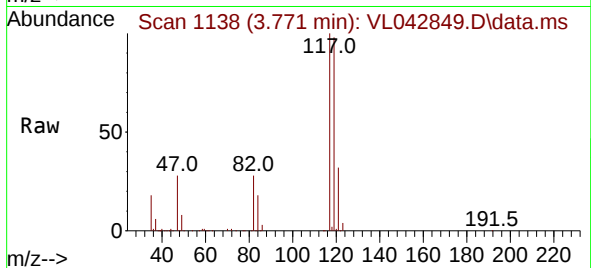
121 32.0 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#36

Benzene

Concen: 9.592 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

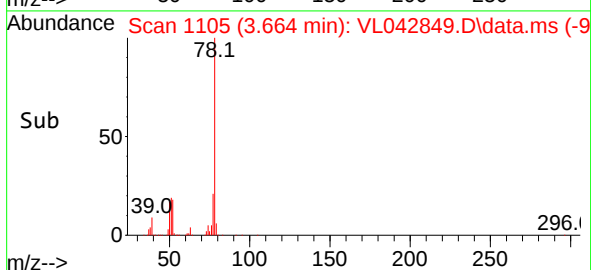
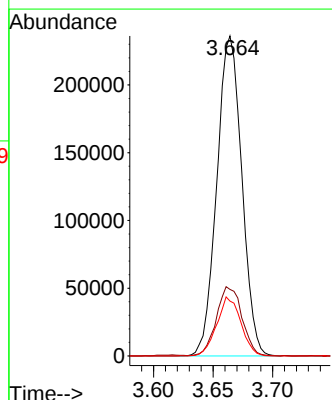
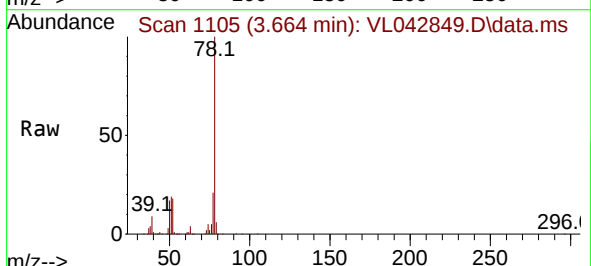
Tgt Ion: 78 Resp: 343952

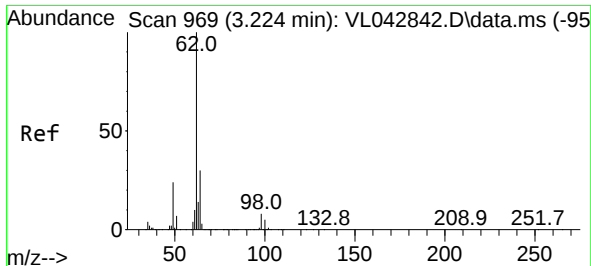
Ion Ratio Lower Upper

78 100

77 20.8 17.7 26.5

50 17.1 13.9 20.9





#37
1,2-Dichloroethane
Concen: 9.991 ppbv
RT: 3.224 min Scan# 969
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

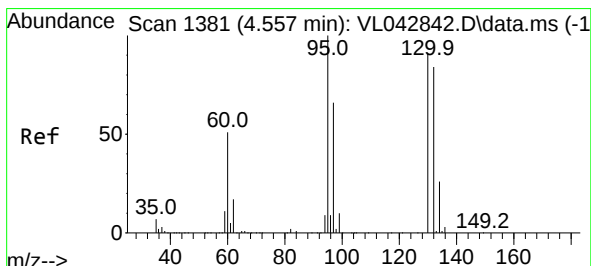
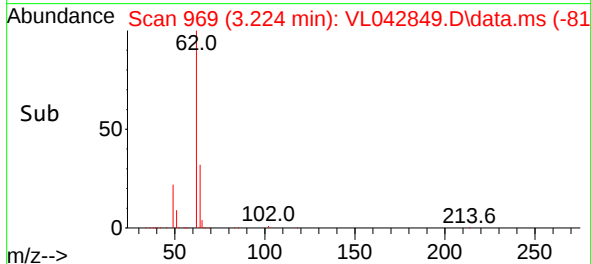
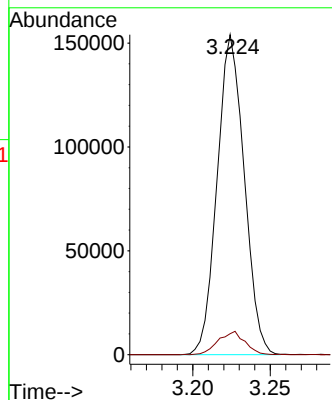
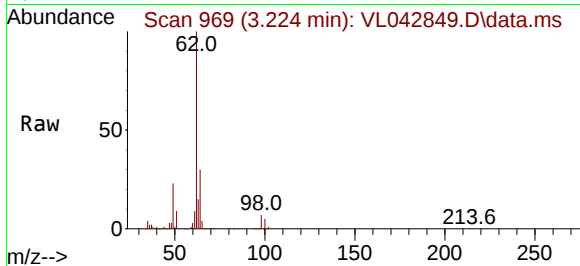
ClientSampleId :

ICVVL081325

Tgt Ion: 62 Resp: 187160
Ion Ratio Lower Upper
62 100
98 7.2 5.9 8.9

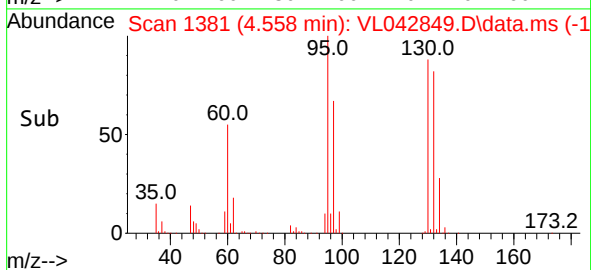
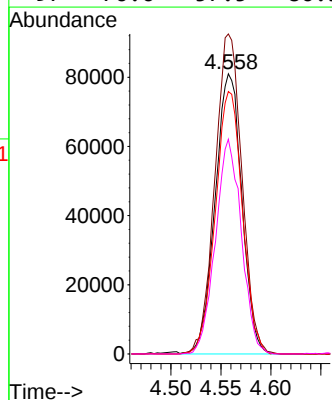
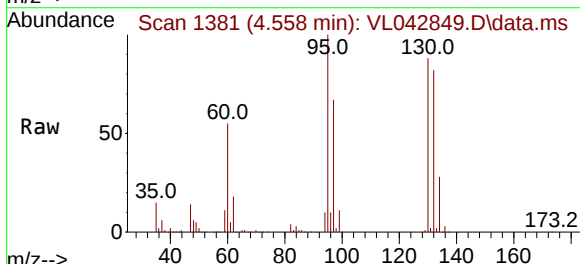
Manual Integrations
APPROVED

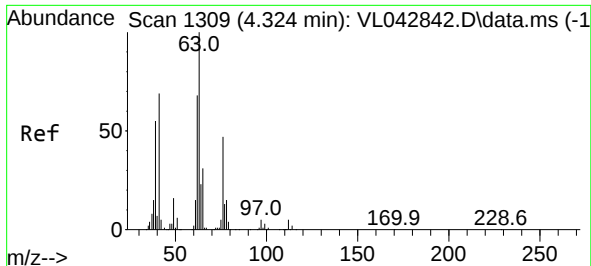
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#38
Trichloroethene
Concen: 9.202 ppbv
RT: 4.558 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion:130 Resp: 150693
Ion Ratio Lower Upper
130 100
95 114.2 87.6 131.4
132 93.6 73.8 110.8
97 76.6 57.5 86.3





#39

1,2-Dichloropropane

Concen: 9.436 ppbv

RT: 4.324 min Scan# 1309

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

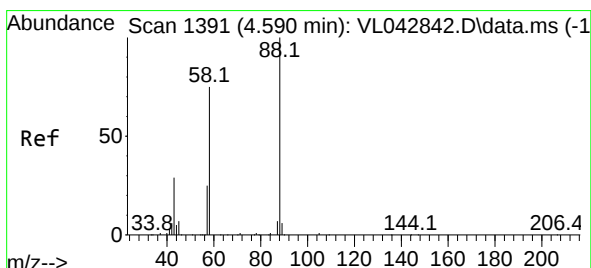
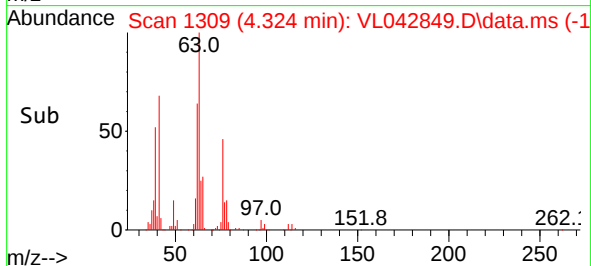
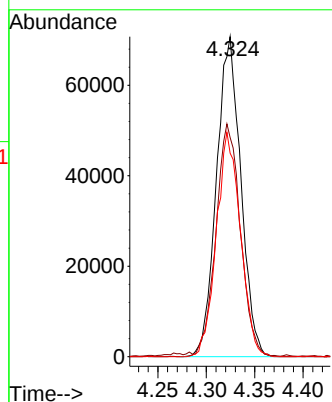
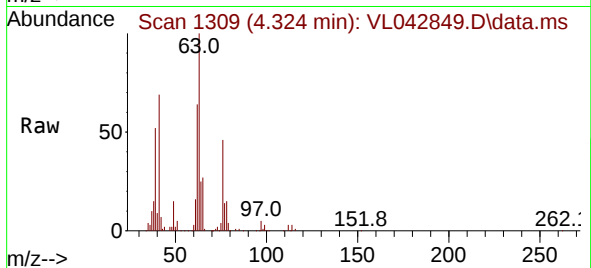
ICVVL081325

Tgt Ion:	63	Resp:	12356
Ion	Ratio	Lower	Upper
63	100		
41	68.4	55.0	82.4
62	63.6	54.4	81.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#40

1,4-Dioxane

Concen: 8.879 ppbv

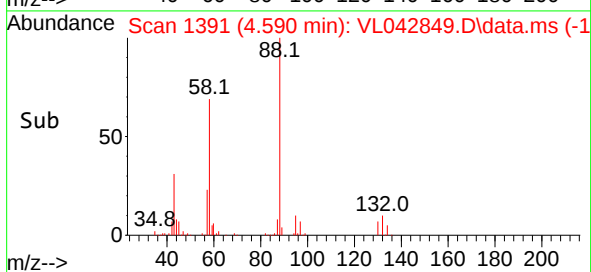
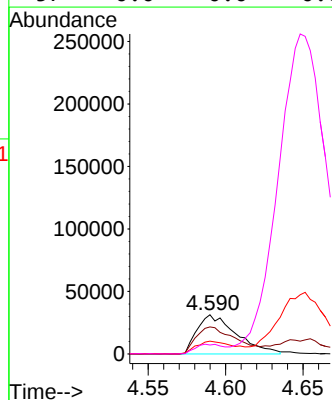
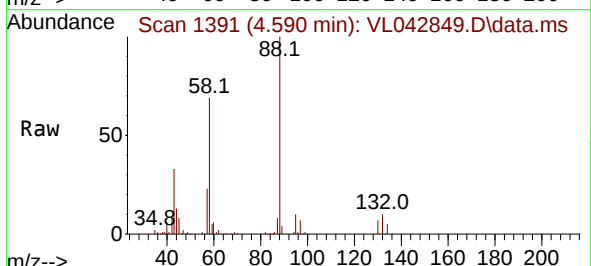
RT: 4.590 min Scan# 1391

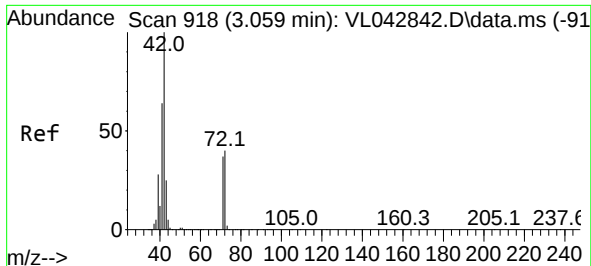
Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

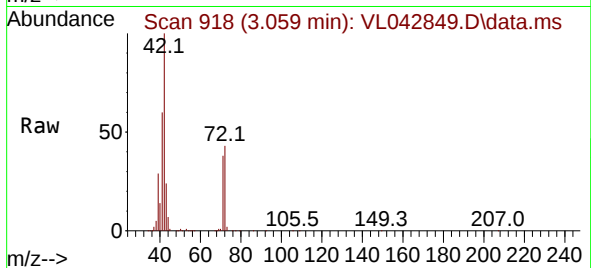
Tgt Ion:	88	Resp:	55292
Ion	Ratio	Lower	Upper
88	100		
58	72.7	53.8	80.6
43	32.4	22.8	34.2
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 9.372 ppbv
RT: 3.059 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

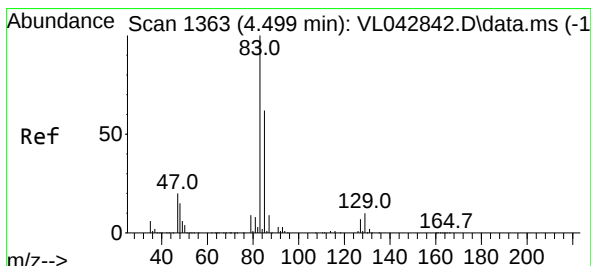
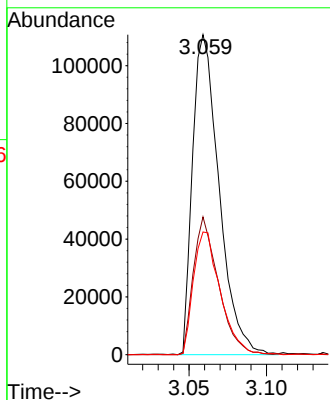
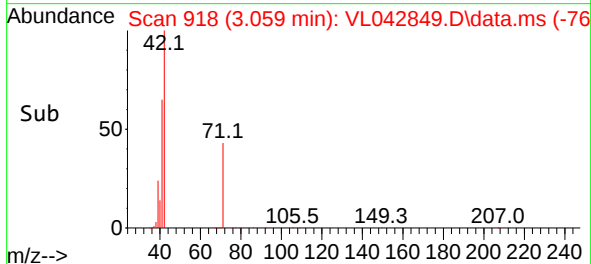
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



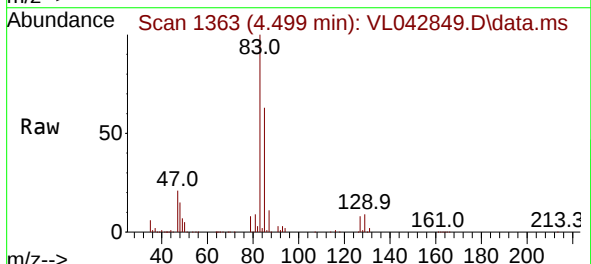
Tgt Ion: 42 Resp: 132108
Ion Ratio Lower Upper
42 100
72 40.8 32.6 48.8
71 39.0 30.0 45.0

Manual Integrations
APPROVED

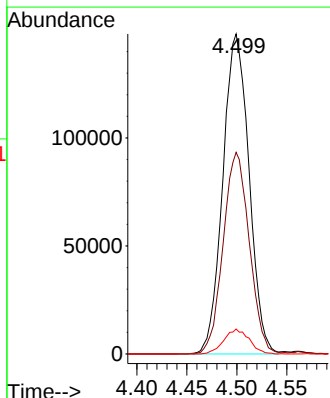
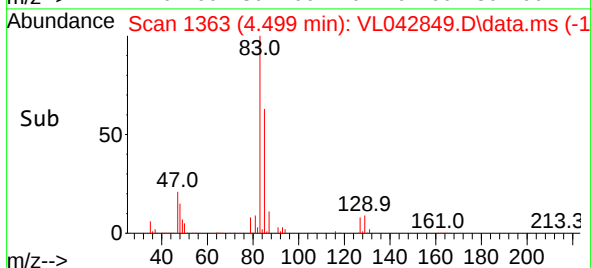
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

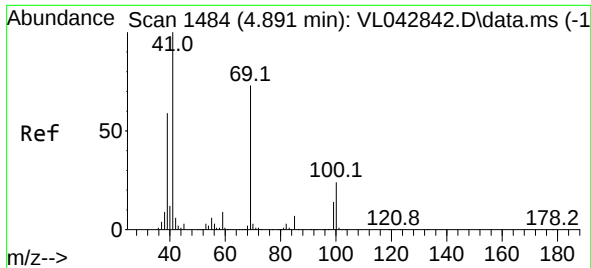


#42
Bromodichloromethane
Concen: 9.678 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56



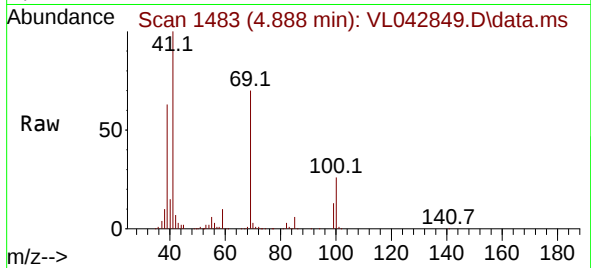
Tgt Ion: 83 Resp: 270154
Ion Ratio Lower Upper
83 100
85 63.0 49.8 74.8
127 7.8 5.8 8.6





#43
Methyl Methacrylate
Concen: 9.229 ppbv
RT: 4.888 min Scan# 1483
Delta R.T. -0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

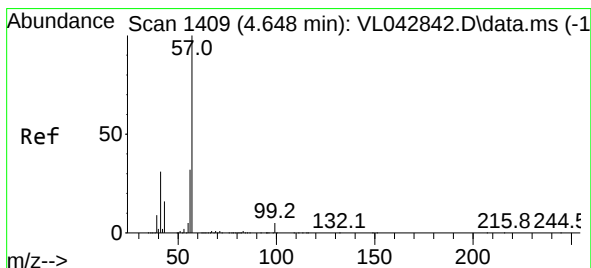
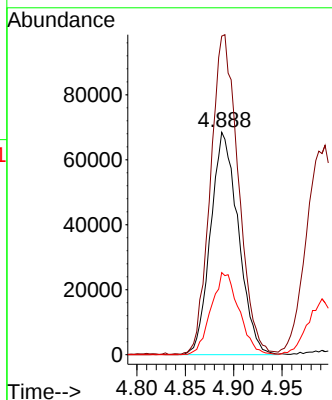
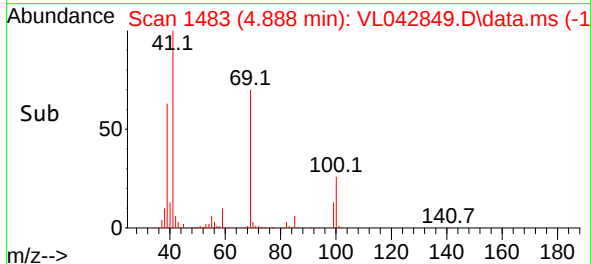
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



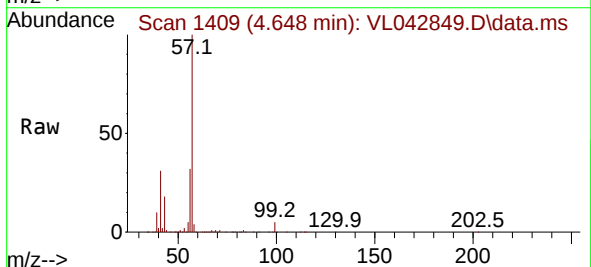
Tgt Ion: 69 Resp: 136329
Ion Ratio Lower Upper
69 100
41 144.9 114.6 172.0
100 37.0 30.2 45.4

Manual Integrations
APPROVED

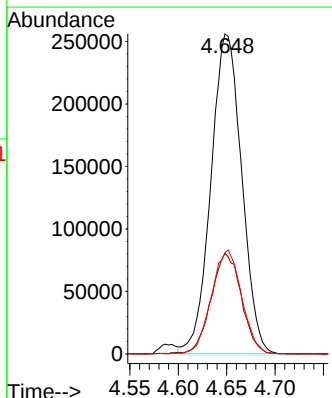
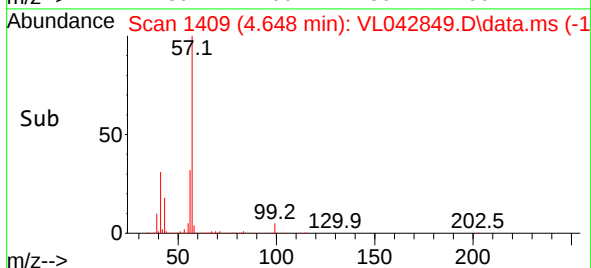
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

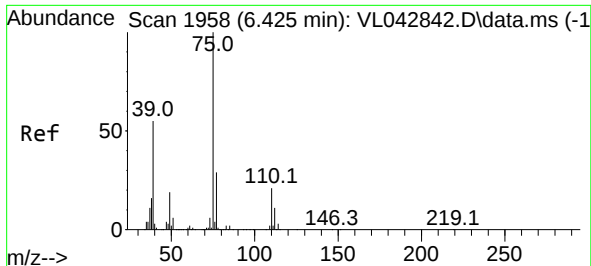


#44
2,2,4-Trimethylpentane
Concen: 9.290 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56



Tgt Ion: 57 Resp: 565415
Ion Ratio Lower Upper
57 100
41 31.3 24.8 37.2
56 31.9 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 9.645 ppbv

RT: 6.428 min Scan# 1958

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081325

Tgt Ion: 75 Resp: 160784

Ion Ratio Lower Upper

75 100

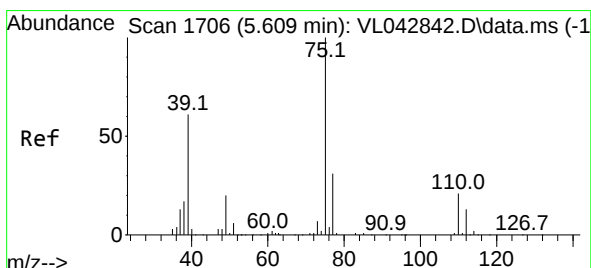
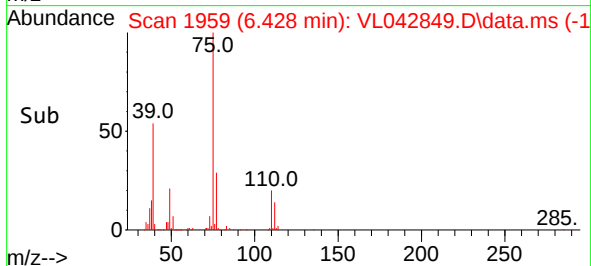
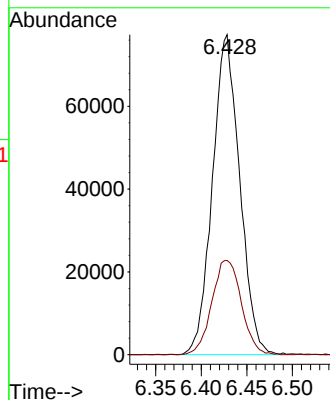
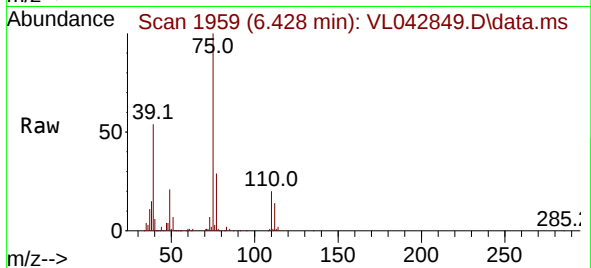
77 29.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#46

cis-1,3-Dichloropropene

Concen: 9.628 ppbv m

RT: 5.613 min Scan# 1707

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

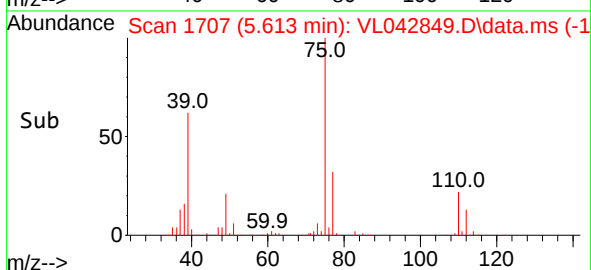
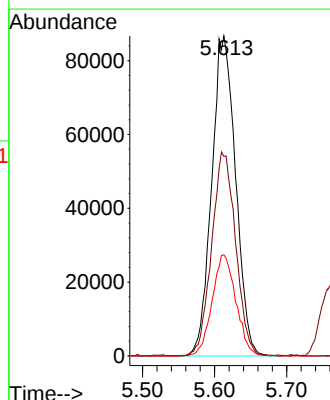
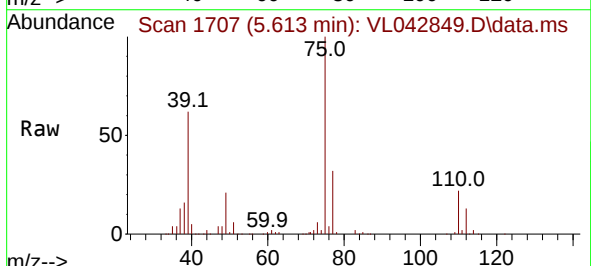
Tgt Ion: 75 Resp: 199988

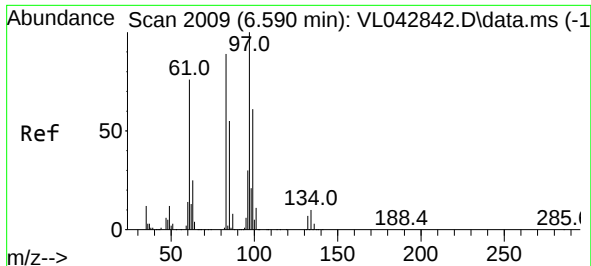
Ion Ratio Lower Upper

75 100

39 62.4 48.9 73.3

77 31.6 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 9.553 ppbv

RT: 6.597 min Scan# 2009

Delta R.T. 0.007 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081325

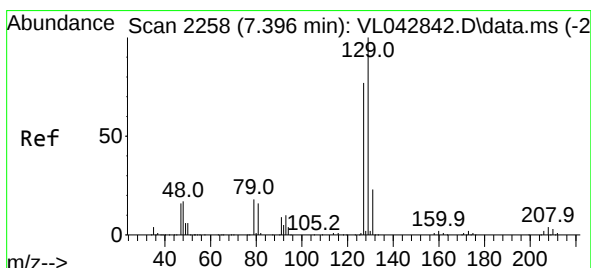
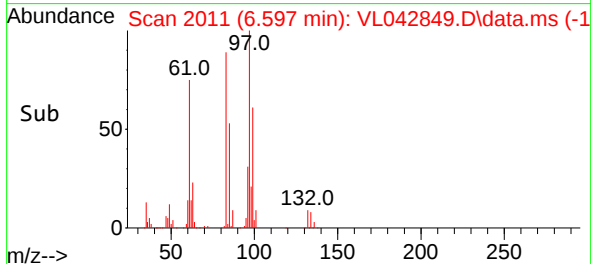
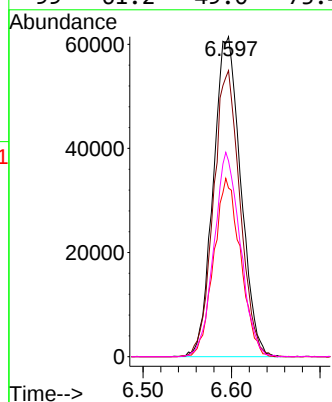
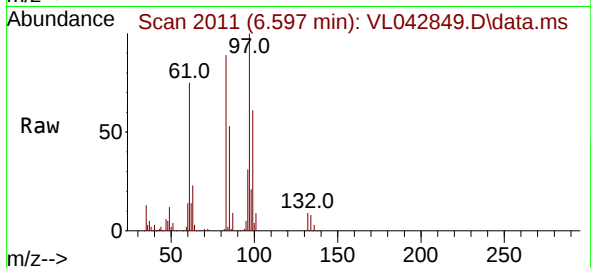
Tgt Ion: 97 Resp: 132548

Ion	Ratio	Lower	Upper
97	100		
83	89.3	71.0	106.4
85	52.6	43.6	65.4
99	61.2	49.0	73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#48

Dibromochloromethane

Concen: 9.708 ppbv

RT: 7.399 min Scan# 2259

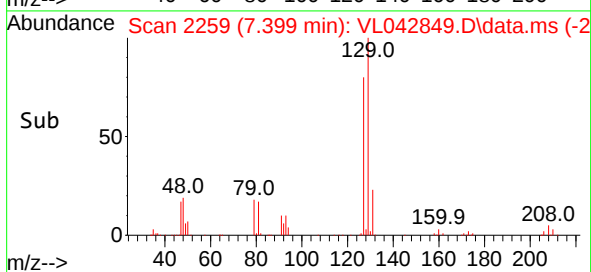
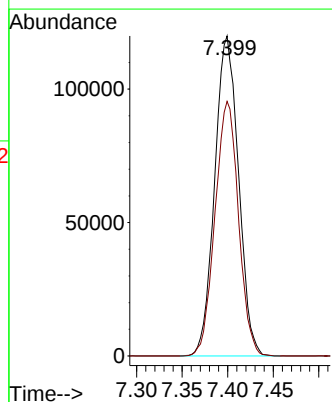
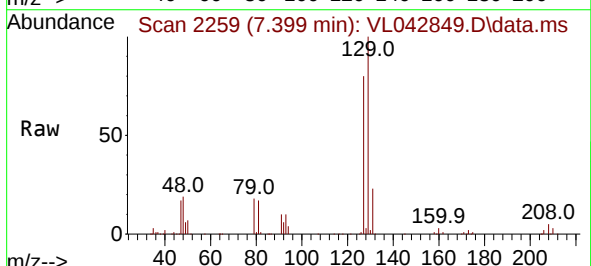
Delta R.T. 0.003 min

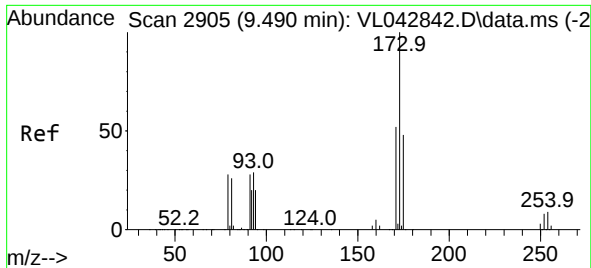
Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Tgt Ion:129 Resp: 217970

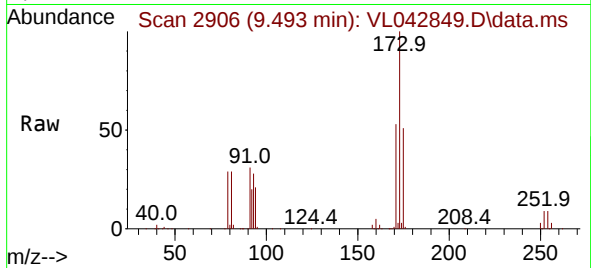
Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.4	118.2





#49
Bromoform
Concen: 9.446 ppbv
RT: 9.493 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

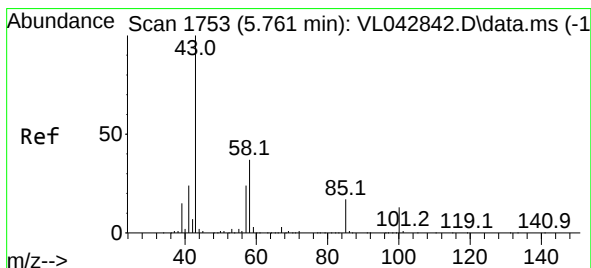
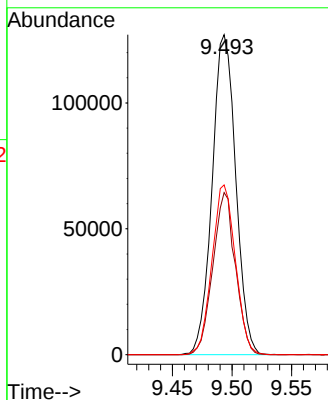
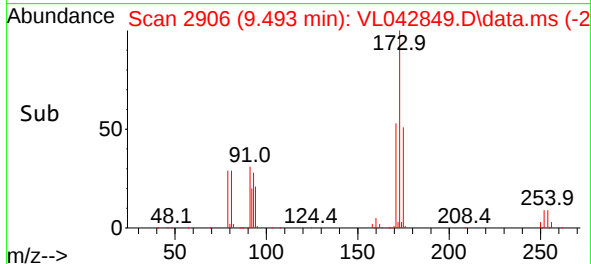
Instrument : MSVOA_L
ClientSampleId : ICVVL081325



Tgt Ion: 173 Resp: 174914
Ion Ratio Lower Upper
173 100
175 48.4 39.2 58.8
171 52.6 41.3 61.9

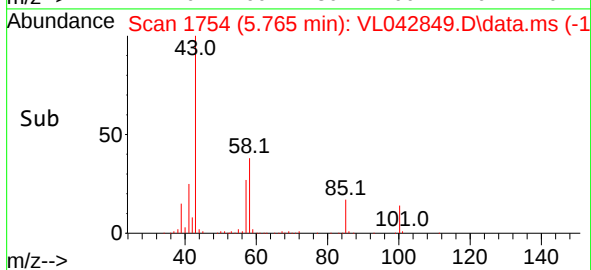
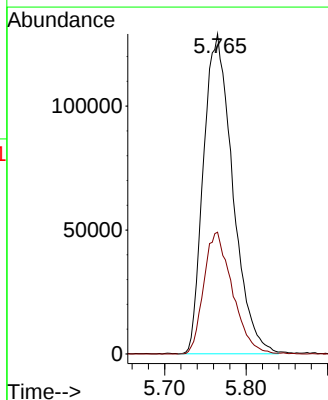
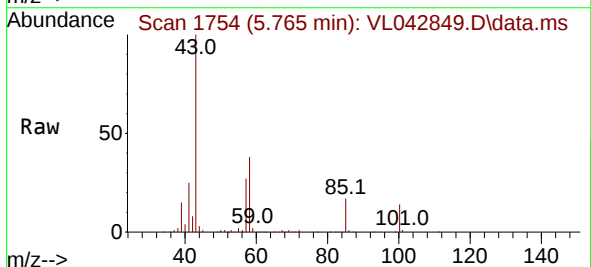
Manual Integrations
APPROVED

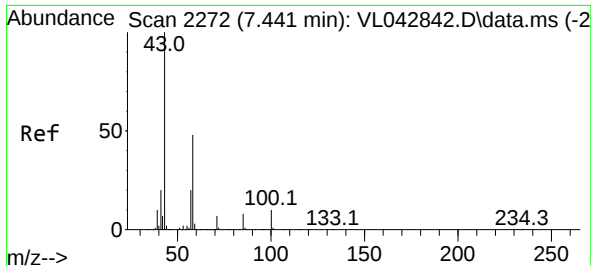
Reviewed By : Semsettin Yesilyurt 08/14/2025
Supervised By : Mahesh Dadoda 08/18/2025



#50
4-Methyl-2-Pentanone
Concen: 9.430 ppbv
RT: 5.765 min Scan# 1754
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

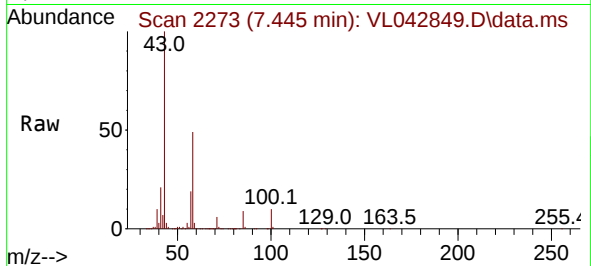
Tgt Ion: 43 Resp: 322264
Ion Ratio Lower Upper
43 100
58 37.3 29.8 44.8





#51
2-Hexanone
Concen: 9.791 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

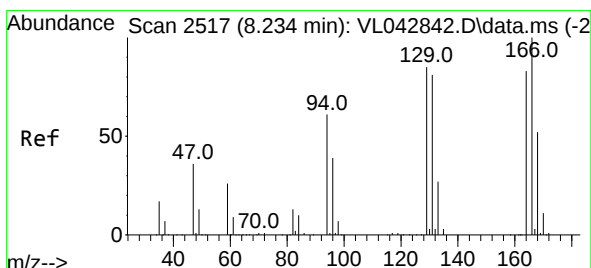
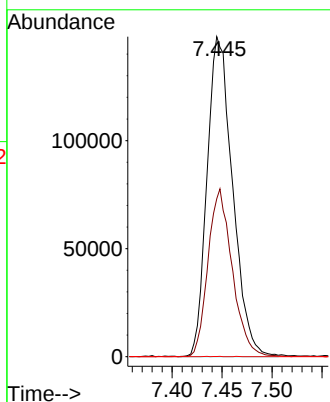
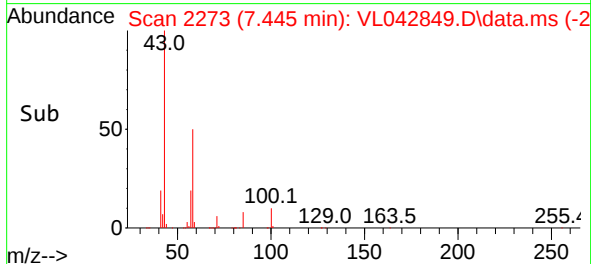
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



Tgt Ion: 43 Resp: 26332
Ion Ratio Lower Upper
43 100
58 49.9 41.0 61.6
98 0.1 0.1 0.1

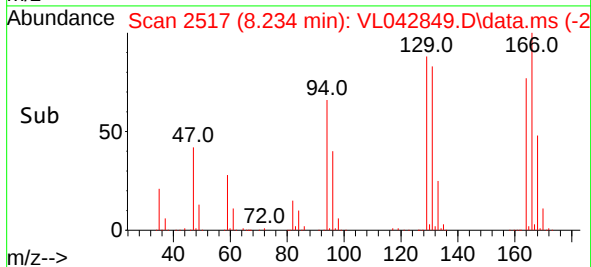
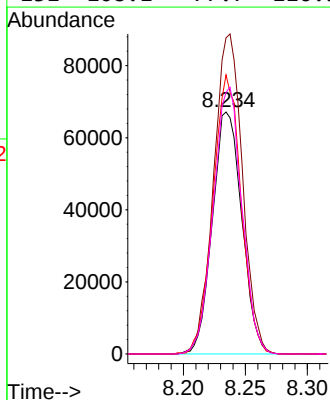
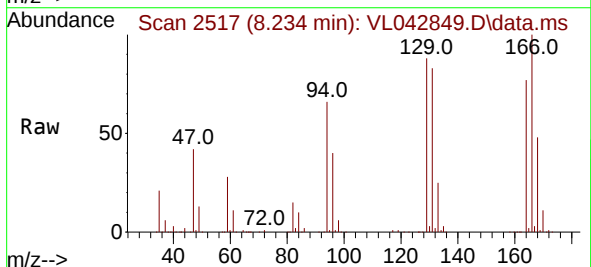
Manual Integrations
APPROVED

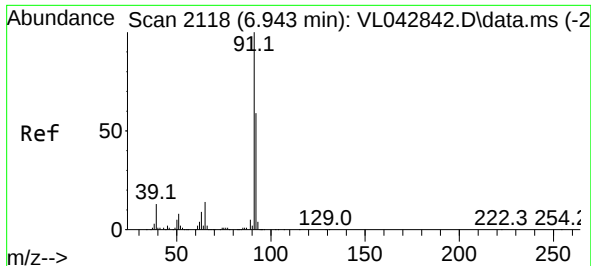
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#52
Tetrachloroethene
Concen: 8.544 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion:164 Resp: 110828
Ion Ratio Lower Upper
164 100
166 130.6 96.5 144.7
129 115.3 81.8 122.6
131 108.1 77.7 116.5





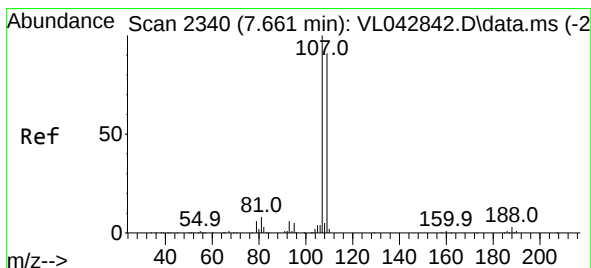
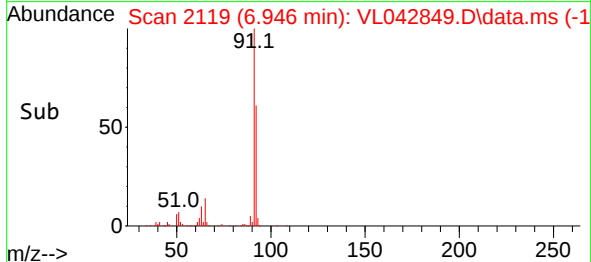
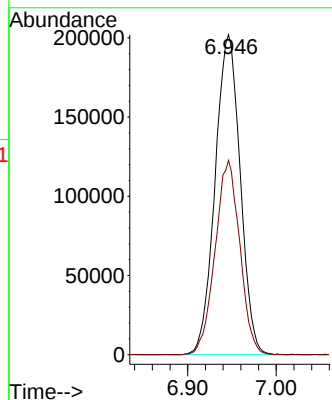
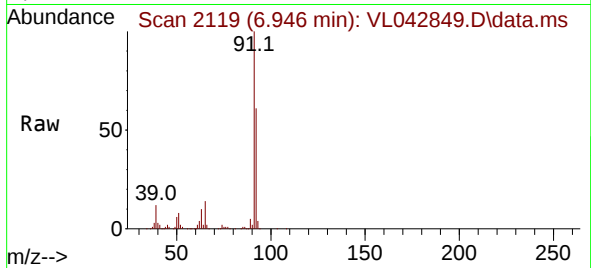
#53
Toluene
Concen: 9.340 ppbv
RT: 6.946 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325

Tgt Ion: 91 Resp: 398138
Ion Ratio Lower Upper
91 100
92 59.7 47.8 71.6

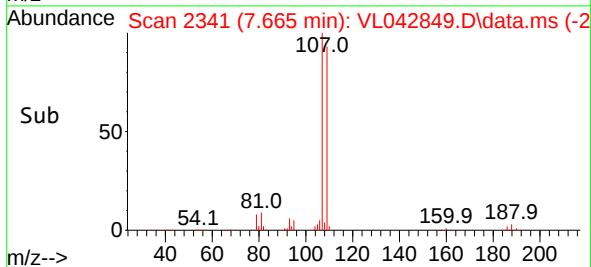
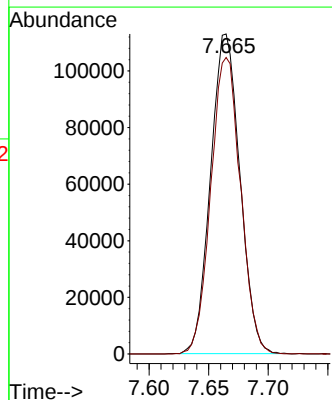
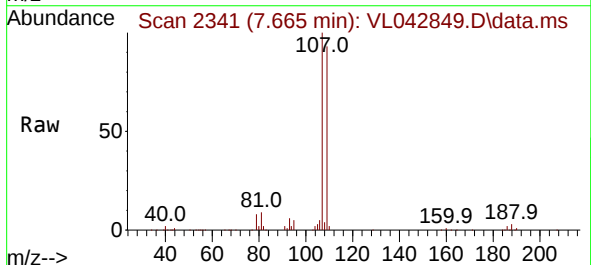
Manual Integrations
APPROVED

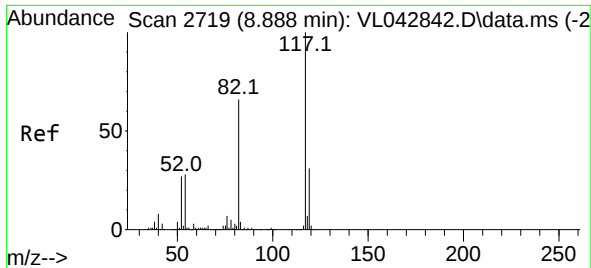
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#54
1,2-Dibromoethane
Concen: 9.535 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

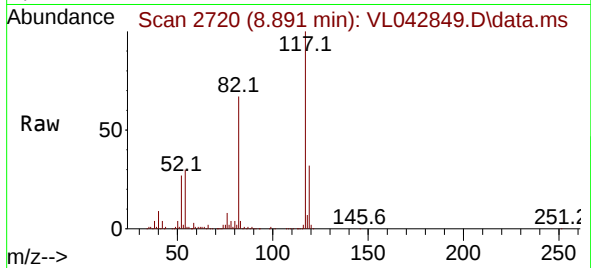
Tgt Ion:107 Resp: 193340
Ion Ratio Lower Upper
107 100
109 92.7 72.5 108.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2719
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

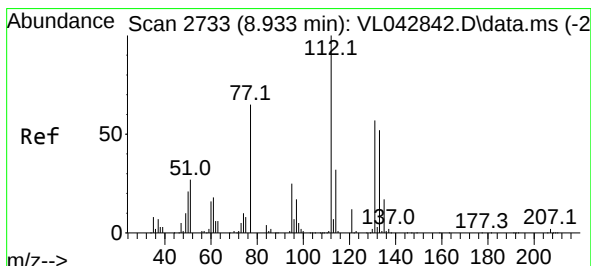
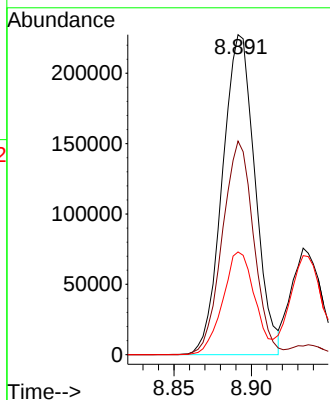
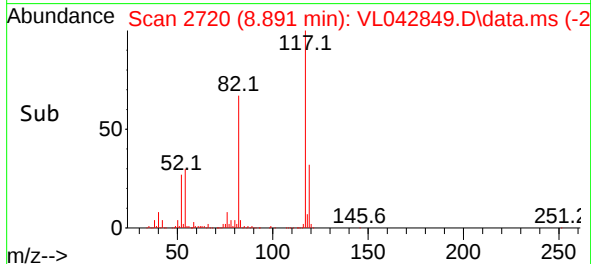
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



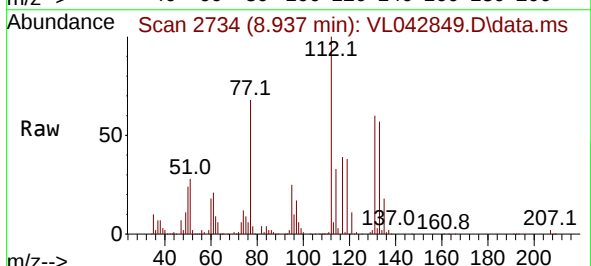
Tgt Ion:117 Resp: 33349
Ion Ratio Lower Upper
117 100
82 67.3 54.6 81.8
119 31.8 25.9 38.9

Manual Integrations
APPROVED

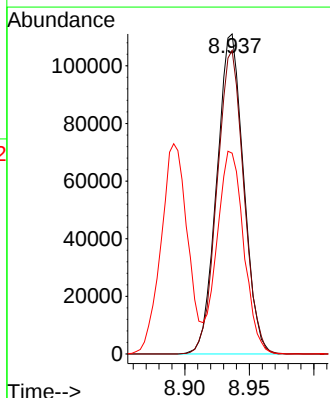
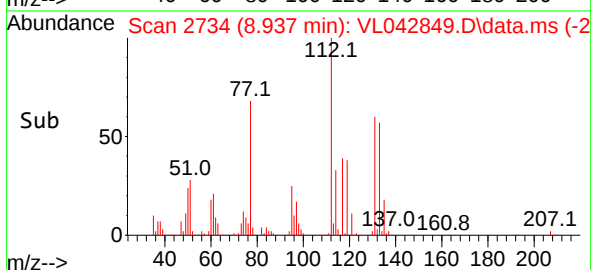
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

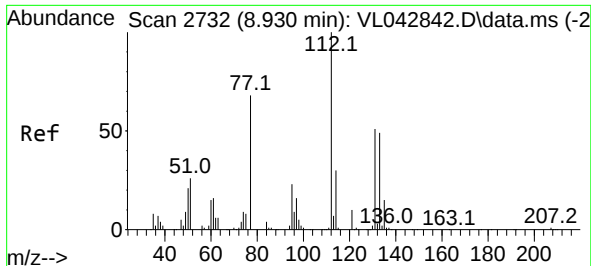


#56
1,1,1,2-Tetrachloroethane
Concen: 9.291 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56



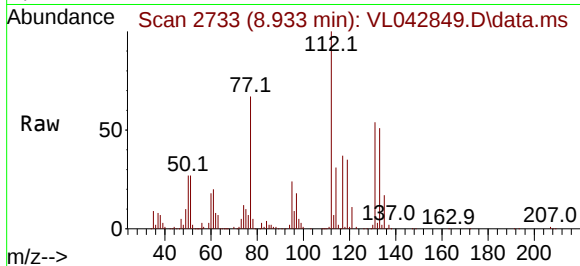
Tgt Ion:131 Resp: 160225
Ion Ratio Lower Upper
131 100
133 94.8 77.4 116.0
119 64.3 51.2 76.8





#57
Chlorobenzene
Concen: 9.378 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

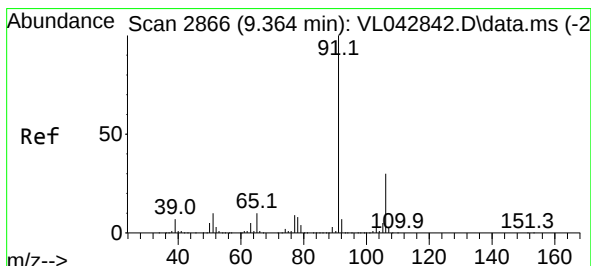
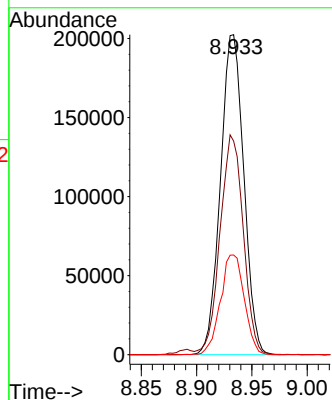
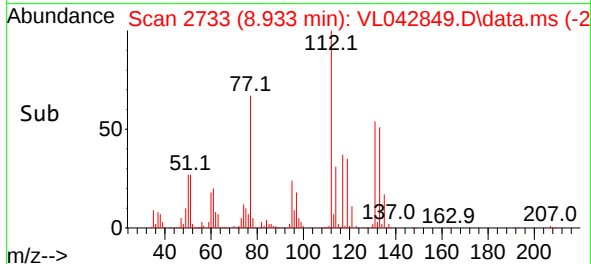
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



Tgt Ion: 112 Resp: 297375
Ion Ratio Lower Upper
112 100
77 66.6 55.5 83.3
114 31.2 27.2 33.2

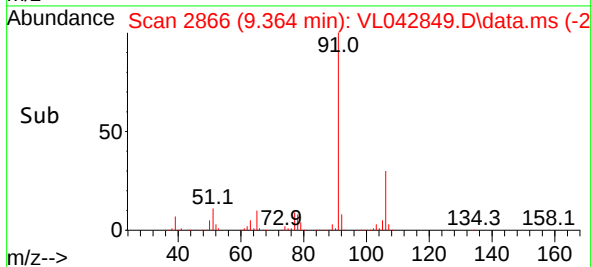
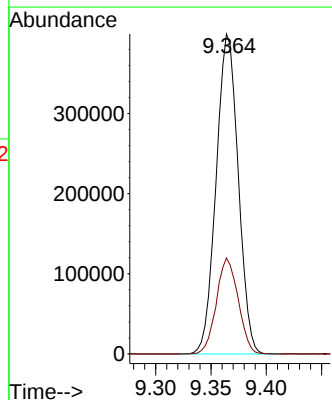
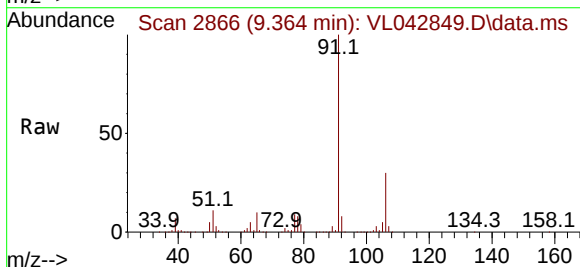
Manual Integrations
APPROVED

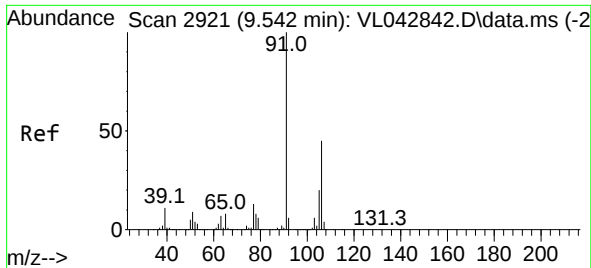
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#58
Ethyl Benzene
Concen: 9.414 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion: 91 Resp: 554015
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9





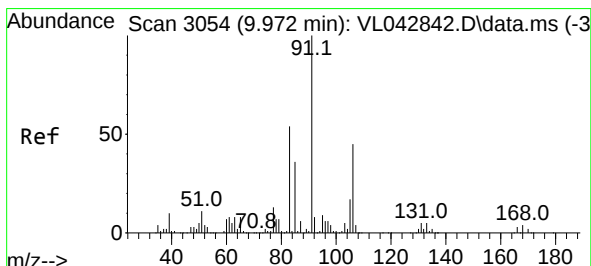
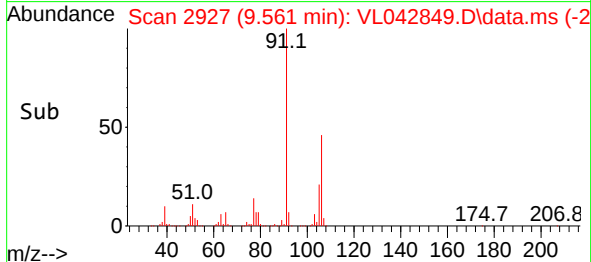
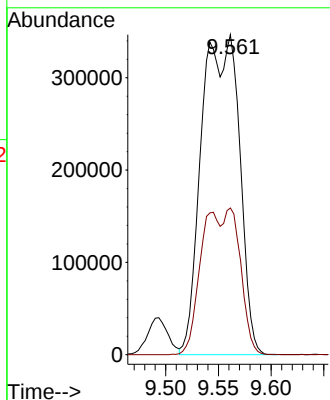
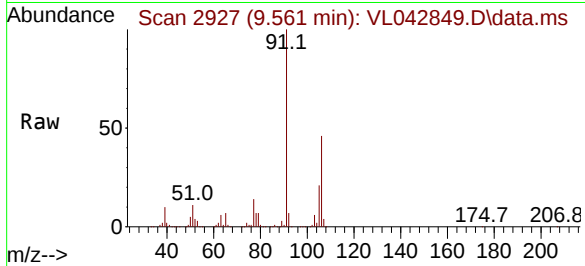
#59
m/p-Xylene
Concen: 18.754 ppbv m
RT: 9.561 min Scan# 2921
Delta R.T. 0.019 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325

Tgt Ion: 91 Resp: 865100
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

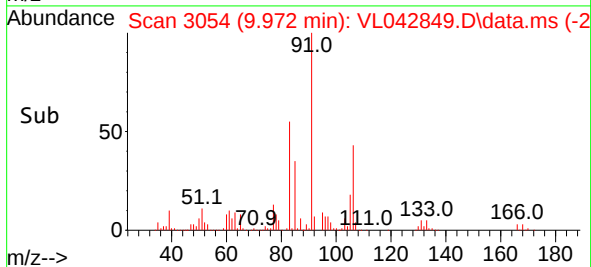
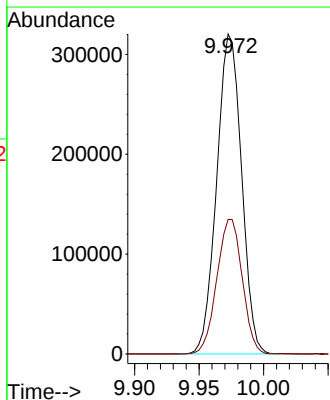
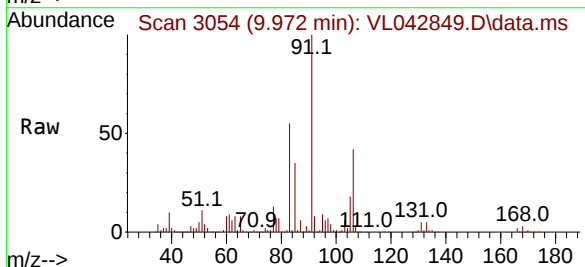
Manual Integrations
APPROVED

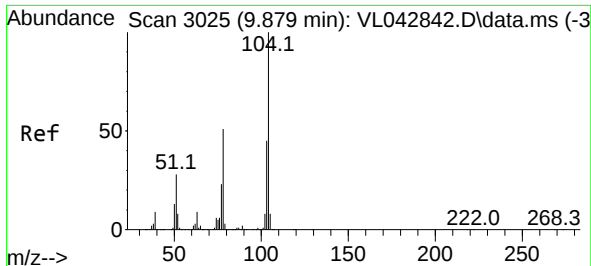
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#60
o-Xylene
Concen: 9.239 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

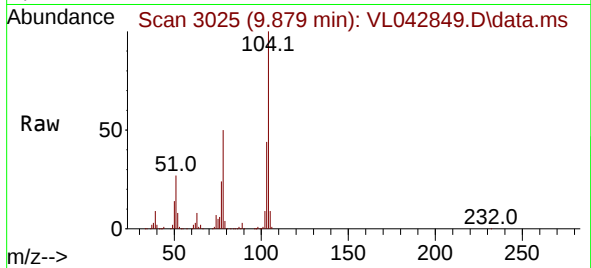
Tgt Ion: 91 Resp: 428721
Ion Ratio Lower Upper
91 100
106 43.0 21.8 65.4





#61
Styrene
Concen: 9.377 ppbv
RT: 9.879 min Scan# 3025
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

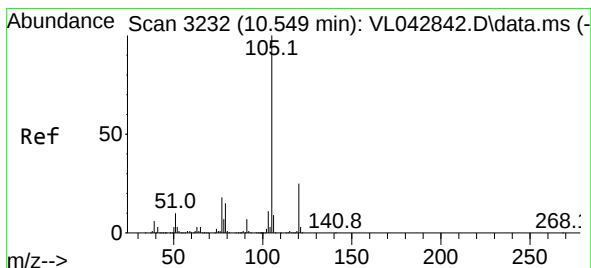
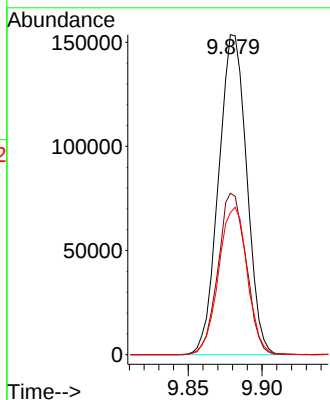
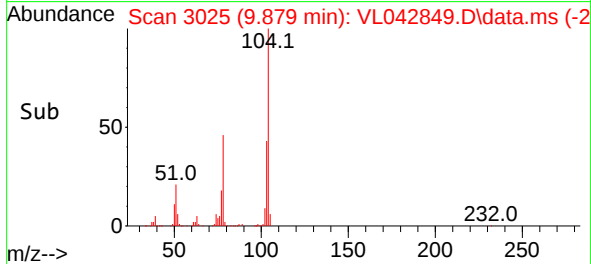
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



Tgt Ion:104 Resp: 203858
Ion Ratio Lower Upper
104 100
78 50.3 40.6 61.0
103 47.1 37.7 56.5

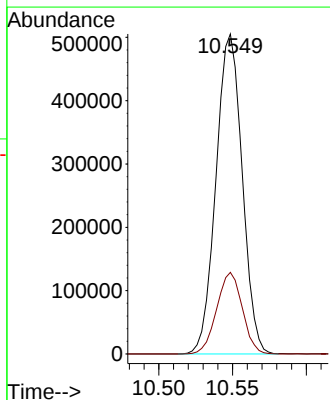
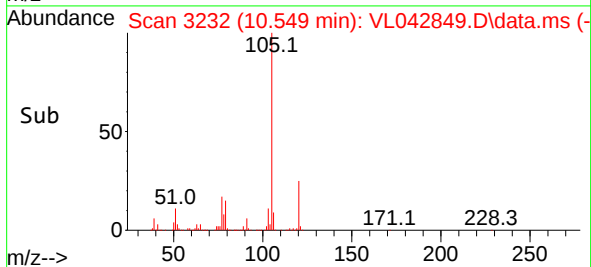
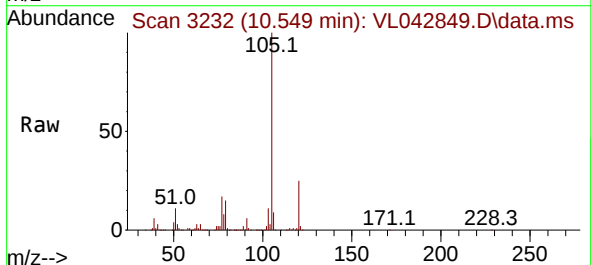
Manual Integrations
APPROVED

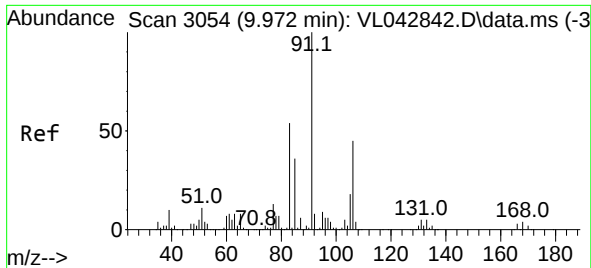
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#62
Isopropylbenzene
Concen: 9.206 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

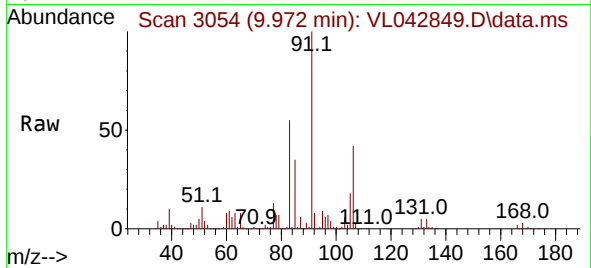
Tgt Ion:105 Resp: 624287
Ion Ratio Lower Upper
105 100
120 24.9 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 8.826 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

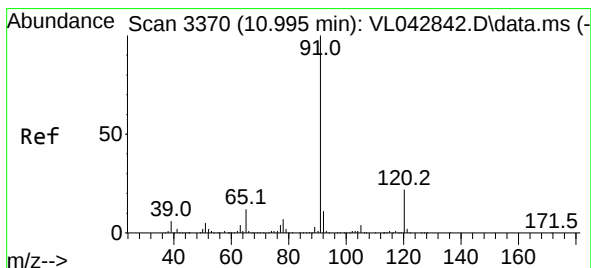
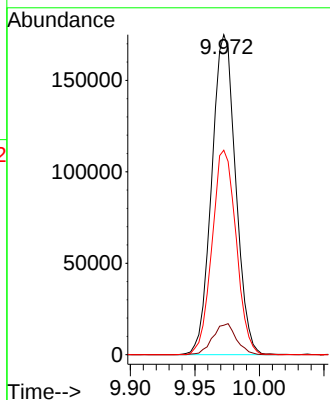
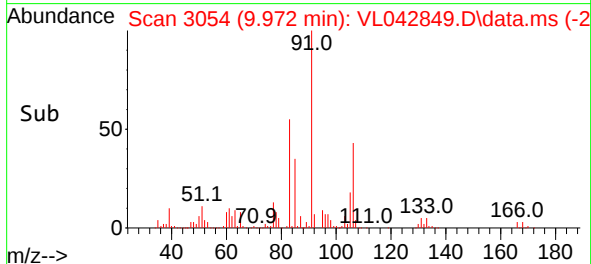
Instrument : MSVOA_L
ClientSampleId : ICVVL081325



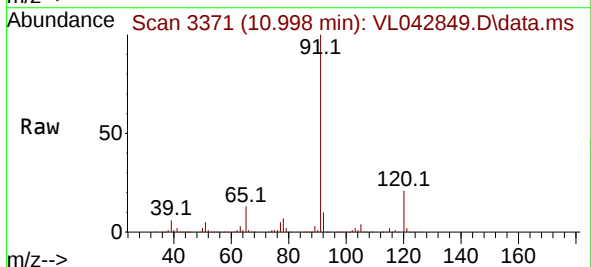
Tgt Ion: 83 Resp: 22523
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 64.4 32.3 96.8

Manual Integrations
APPROVED

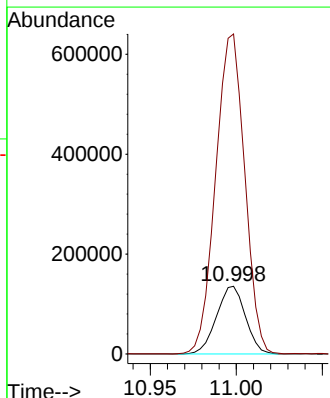
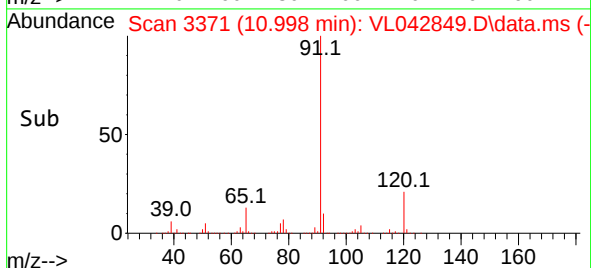
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

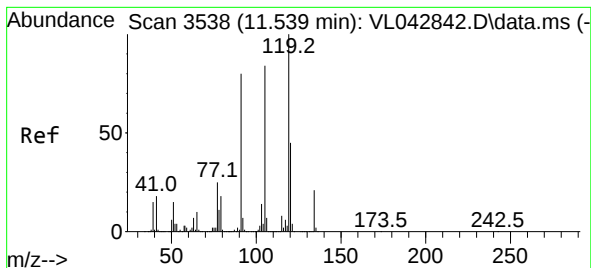


#64
n-propylbenzene
Concen: 9.145 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56



Tgt Ion:120 Resp: 158234
Ion Ratio Lower Upper
120 100
91 476.9 375.8 563.6





#65

tert-Butylbenzene

Concen: 8.946 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081325

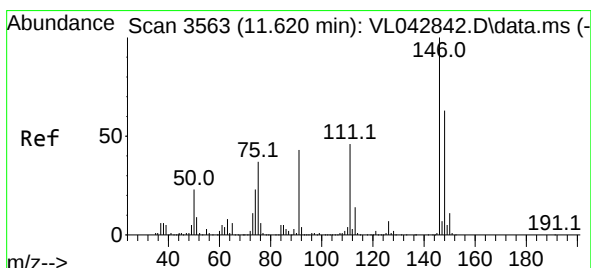
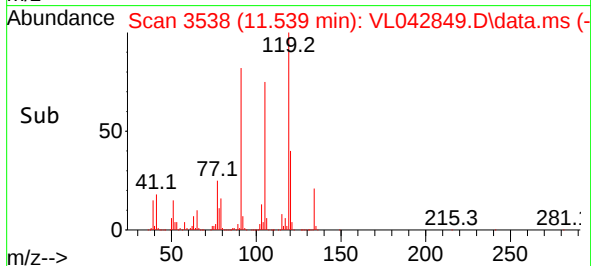
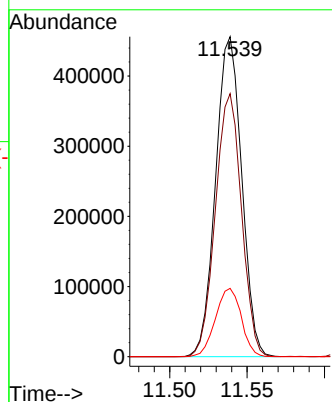
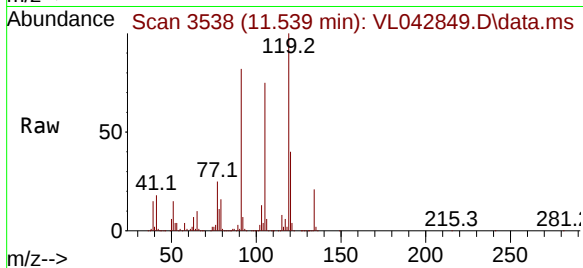
Tgt Ion: 119 Resp: 53479

Ion	Ratio	Lower	Upper
119	100		
91	82.2	63.9	95.9
134	21.1	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#66

Benzyl Chloride

Concen: 9.031 ppbv

RT: 11.623 min Scan# 3564

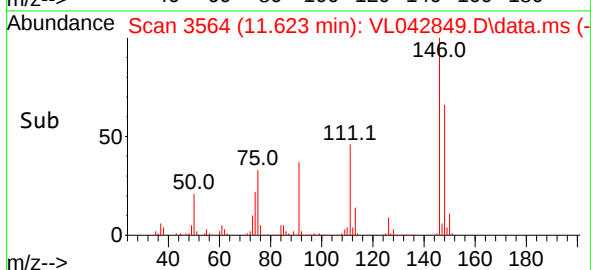
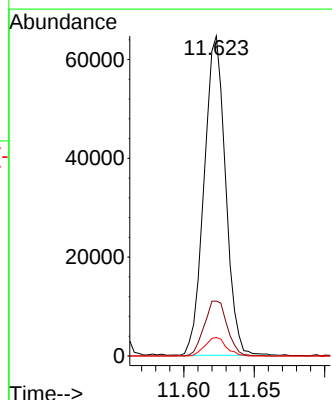
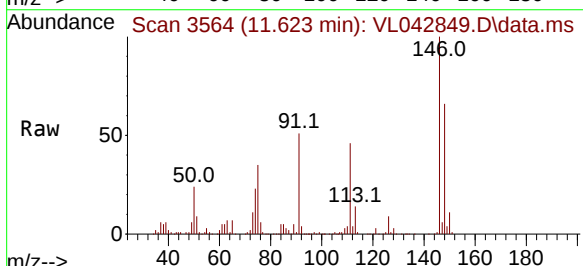
Delta R.T. 0.003 min

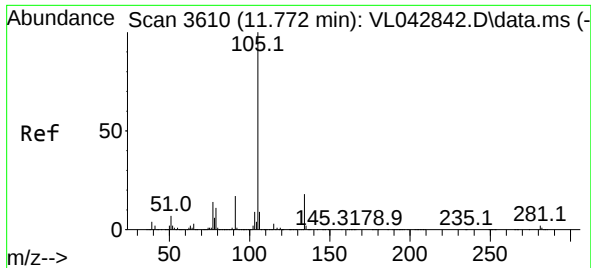
Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Tgt Ion: 91 Resp: 68533

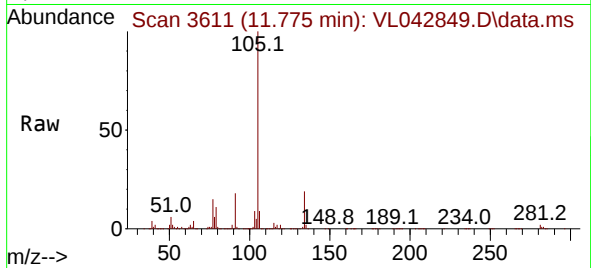
Ion	Ratio	Lower	Upper
91	100		
126	18.4	14.2	21.4
128	5.7	5.0	7.6





#67
 sec-Butylbenzene
 Concen: 9.088 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.003 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

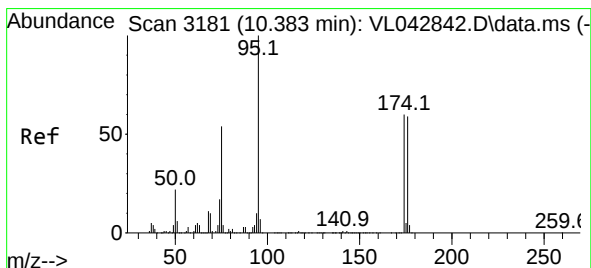
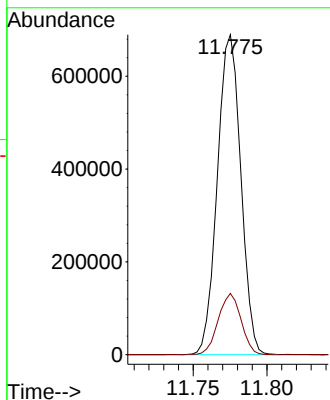
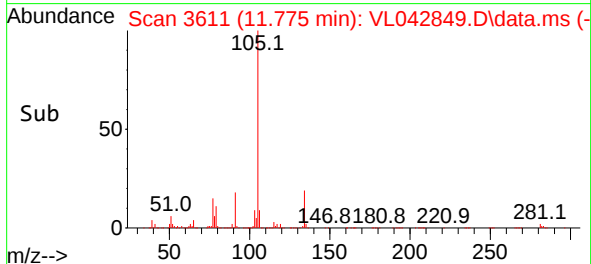
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081325



Tgt Ion: 105 Resp: 762602
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.9 22.3

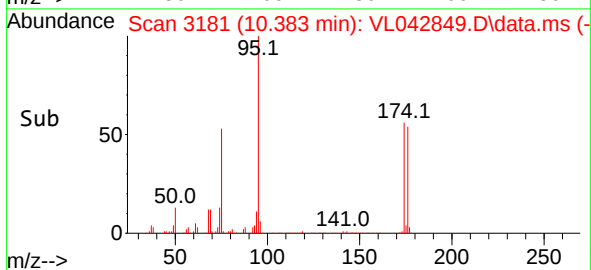
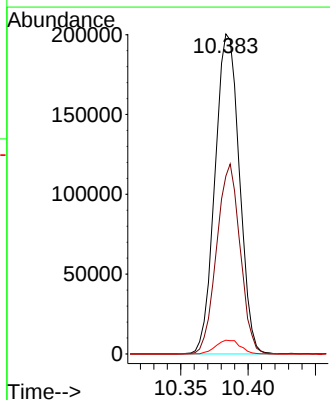
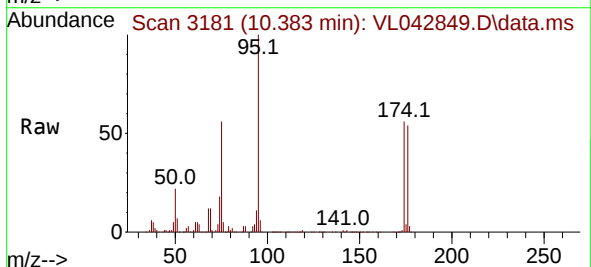
Manual Integrations
 APPROVED

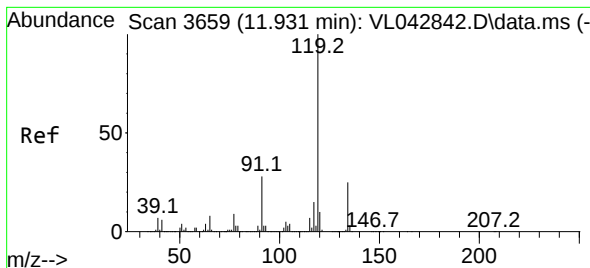
Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.086 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

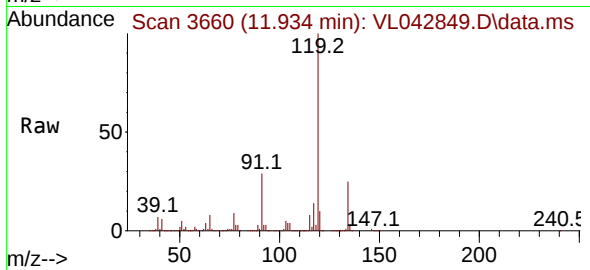
Tgt Ion: 95 Resp: 252268
 Ion Ratio Lower Upper
 95 100
 174 57.2 48.4 72.6
 175 4.4 3.8 5.8





#69
p-Isopropyltoluene
Concen: 8.810 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

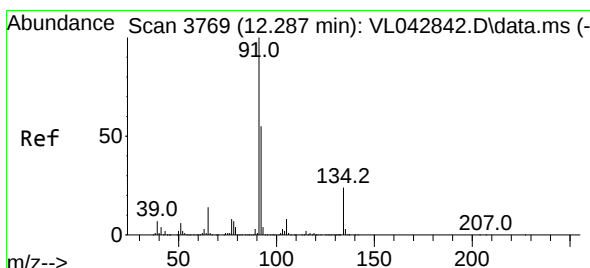
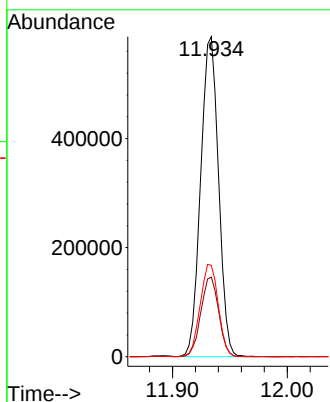
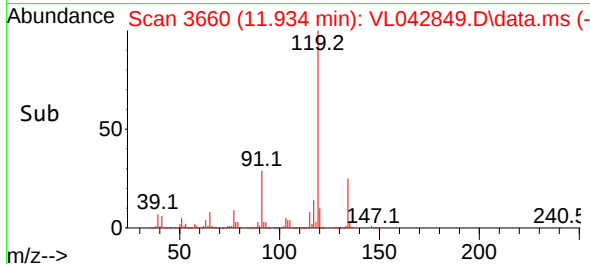
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



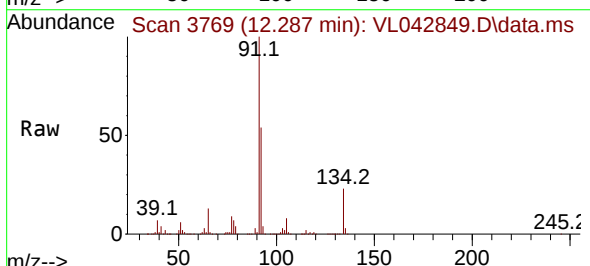
Tgt Ion: 119 Resp: 634670
Ion Ratio Lower Upper
119 100
134 24.9 20.6 30.8
91 29.4 22.6 34.0

Manual Integrations
APPROVED

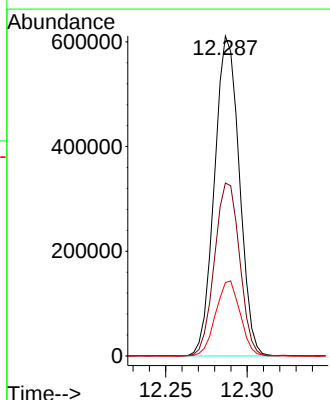
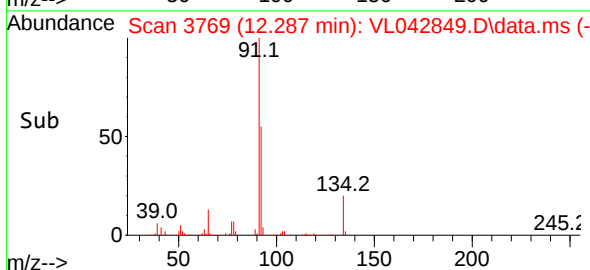
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

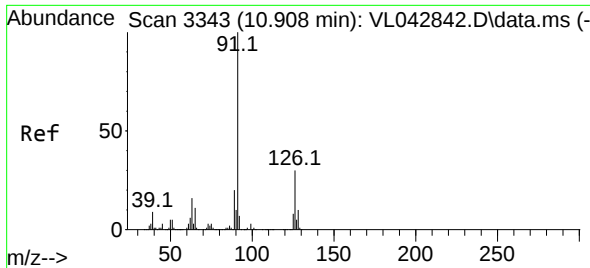


#70
n-Butylbenzene
Concen: 9.062 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56



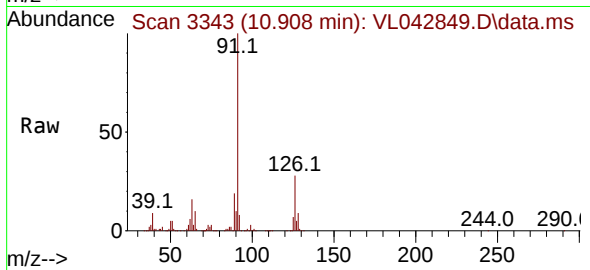
Tgt Ion: 91 Resp: 647453
Ion Ratio Lower Upper
91 100
92 54.8 44.6 66.8
134 23.1 19.0 28.4





#71
2-Chlorotoluene
Concen: 9.214 ppbv
RT: 10.908 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

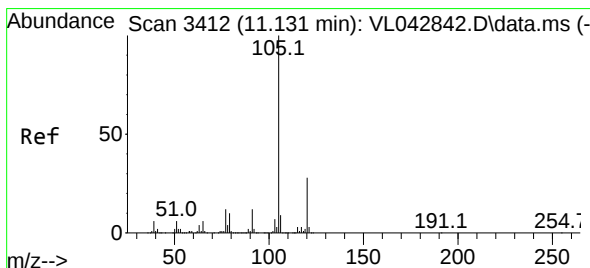
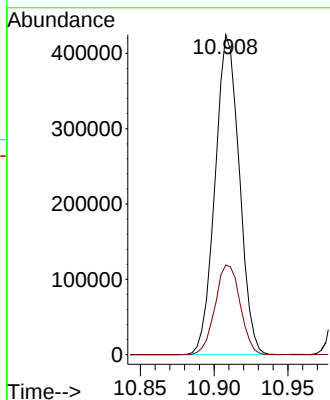
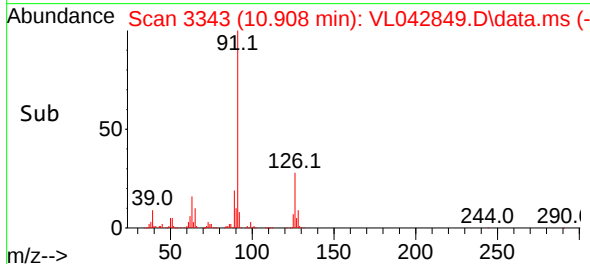
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



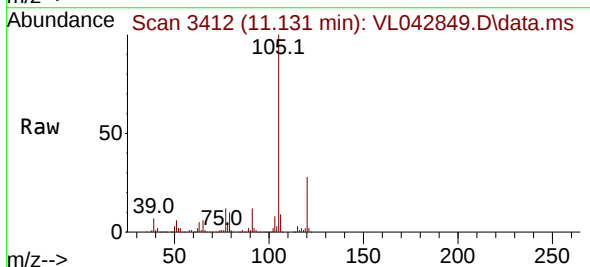
Tgt Ion: 91 Resp: 48517
Ion Ratio Lower Upper
91 100
126 29.1 12.0 47.8

Manual Integrations
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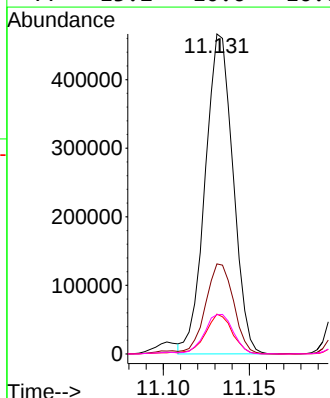
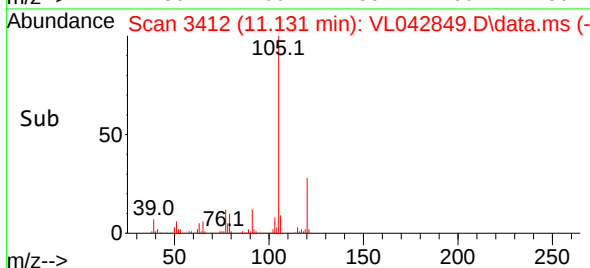
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

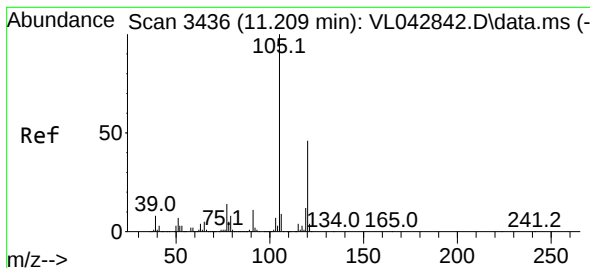


#72
4-Ethyltoluene
Concen: 9.338 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56



Tgt Ion:105 Resp: 525262
Ion Ratio Lower Upper
105 100
120 29.2 23.4 35.2
91 12.5 9.8 14.6
77 13.2 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 9.108 ppbv

RT: 11.212 min Scan# 3436

Delta R.T. 0.003 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081325

Tgt Ion:105 Resp: 435708

Ion Ratio Lower Upper

105 100

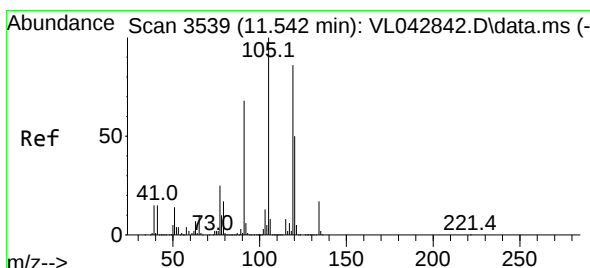
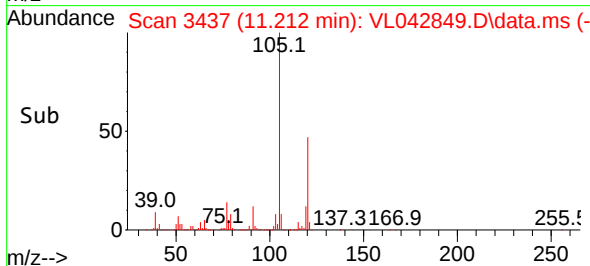
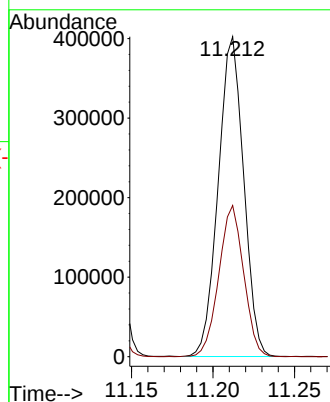
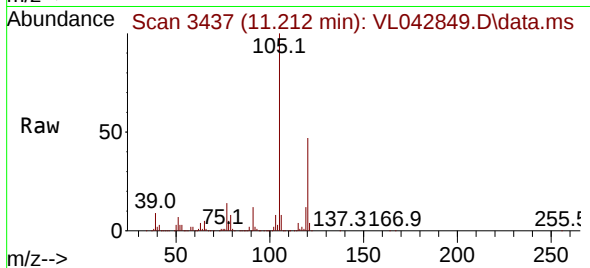
120 47.2 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 8.943 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Tgt Ion:105 Resp: 469573

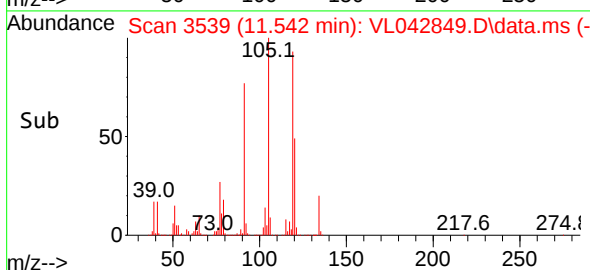
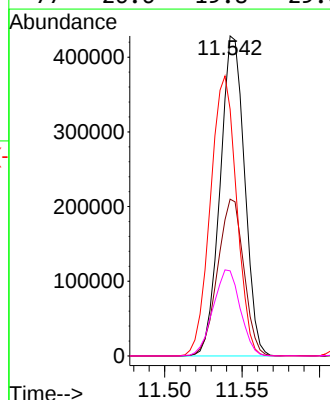
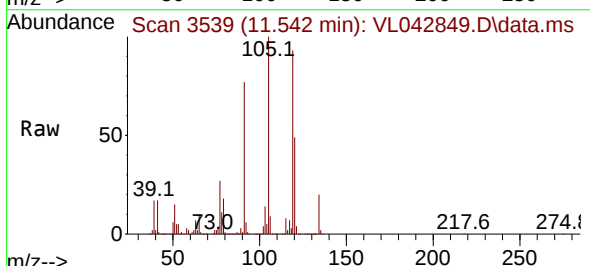
Ion Ratio Lower Upper

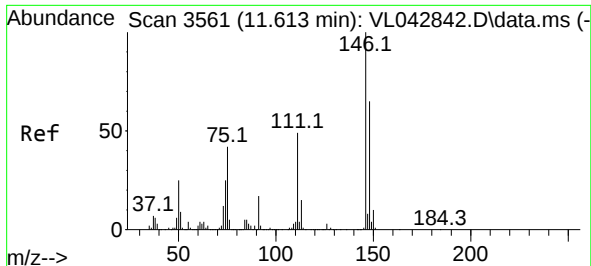
105 100

120 49.0 39.8 59.6

91 77.0 54.2 81.4

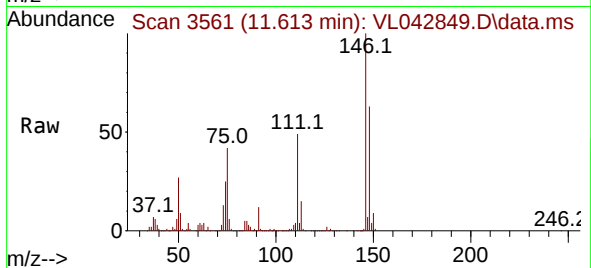
77 26.6 19.8 29.6





#75
1,3-Dichlorobenzene
Concen: 9.209 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

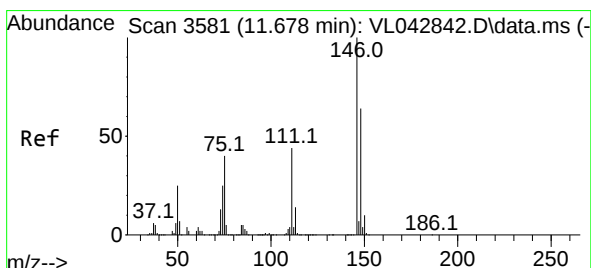
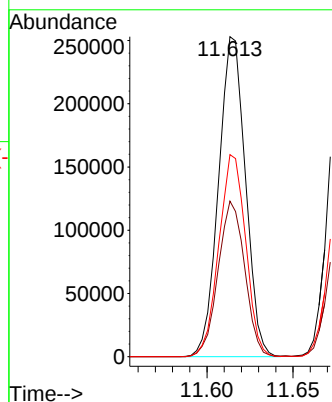
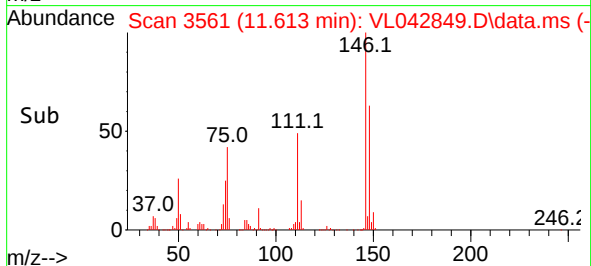
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



Tgt Ion:146 Resp: 274870
Ion Ratio Lower Upper
146 100
111 48.2 23.9 71.7
148 63.0 31.4 94.0

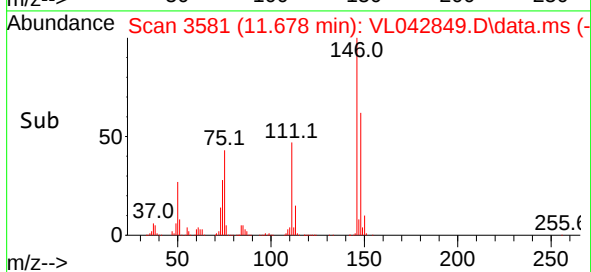
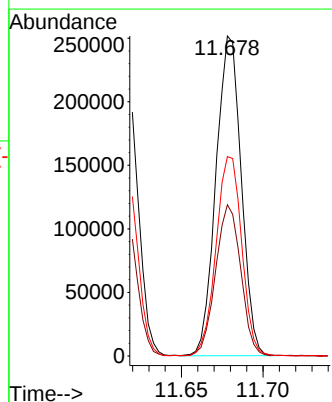
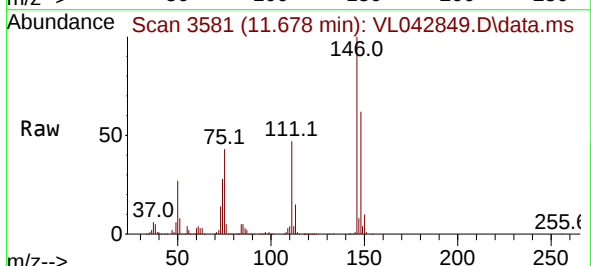
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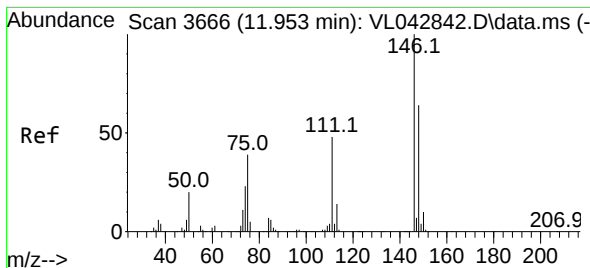
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#76
1,4-Dichlorobenzene
Concen: 8.976 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

Tgt Ion:146 Resp: 270976
Ion Ratio Lower Upper
146 100
111 47.2 22.7 68.1
148 63.6 31.8 95.3





#77

1,2-Dichlorobenzene

Concen: 8.736 ppbv

RT: 11.953 min Scan# 3666

Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

Instrument :

MSVOA_L

ClientSampleId :

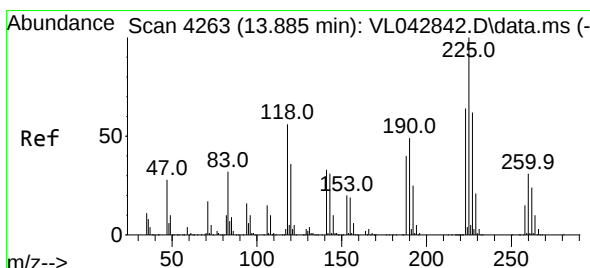
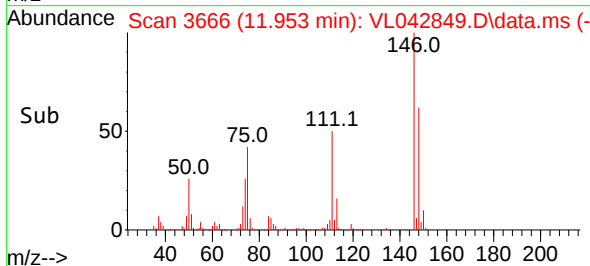
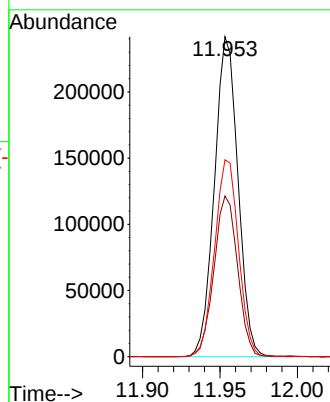
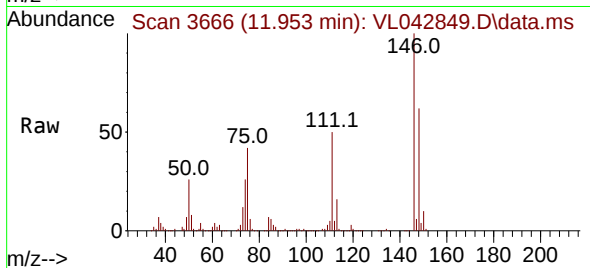
ICVVL081325

Tgt Ion:	146	Resp:	25534
Ion Ratio	Lower	Upper	
146	100		
111	50.5	24.6	74.0
148	62.7	32.0	96.0

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Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#78

Hexachloro-1,3-Butadiene

Concen: 7.778 ppbv

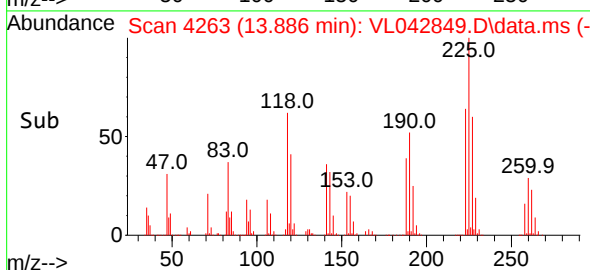
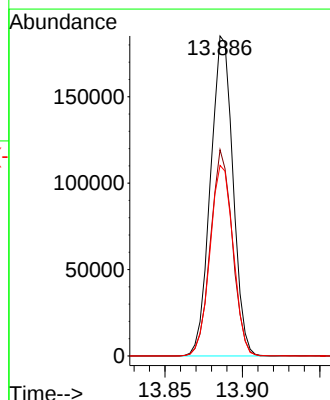
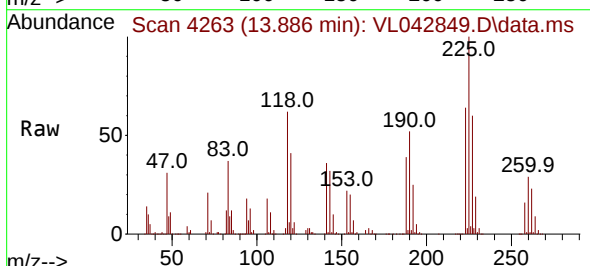
RT: 13.886 min Scan# 4263

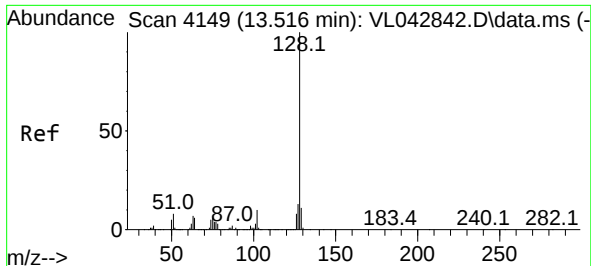
Delta R.T. 0.000 min

Lab File: VL042849.D

Acq: 13 Aug 2025 12:56

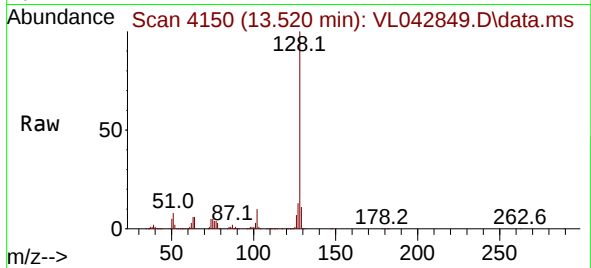
Tgt Ion:	225	Resp:	186318
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.4	77.2
227	61.6	51.9	77.9





#79
Naphthalene
Concen: 9.284 ppbv
RT: 13.520 min Scan# 4149
Delta R.T. 0.003 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

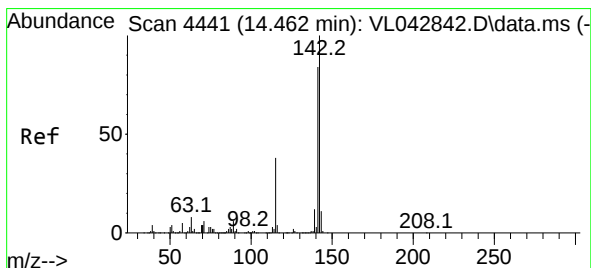
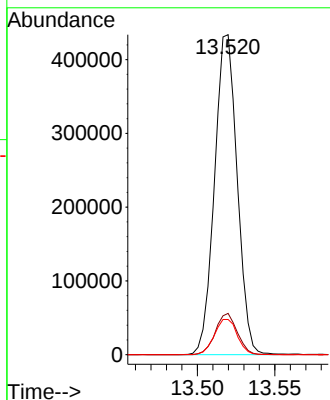
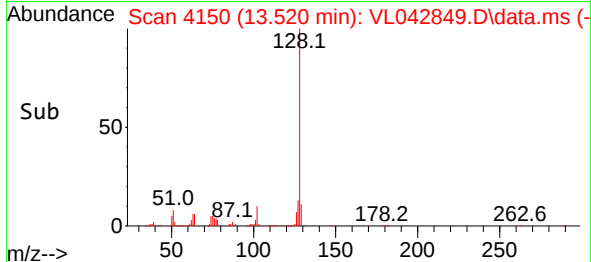
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081325



Tgt Ion:128 Resp: 441940
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.9 13.3

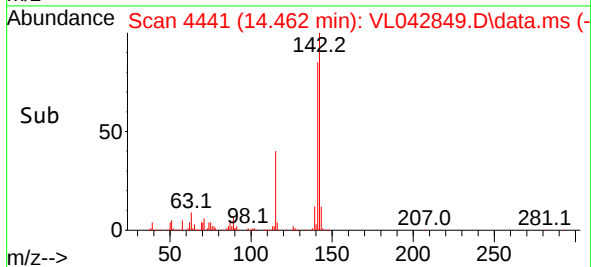
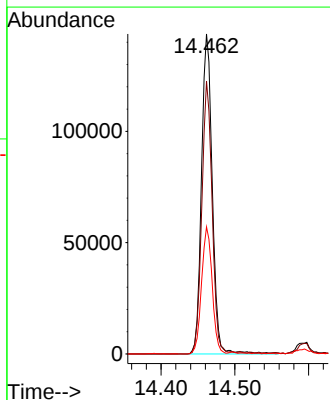
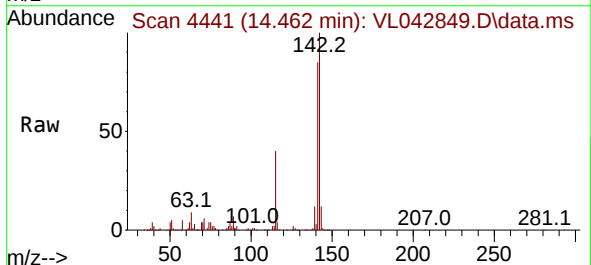
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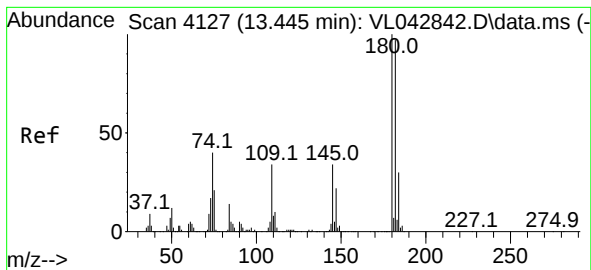
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#80
Naphthalene,2-methyl-
Concen: 8.188 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.000 min
Lab File: VL042849.D
Acq: 13 Aug 2025 12:56

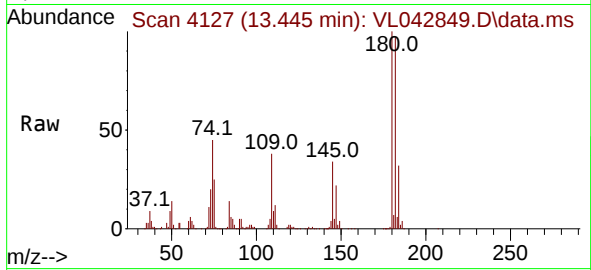
Tgt Ion:142 Resp: 145644
Ion Ratio Lower Upper
142 100
141 81.9 67.0 100.6
115 40.2 30.9 46.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.016 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042849.D
 Acq: 13 Aug 2025 12:56

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081325



Tgt Ion:180 Resp: 215715
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.9 115.3
 184 30.1 24.5 36.7

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Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

